

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: January 26, 2005, 12:46:08 ; Search time 8 Seconds
(without alignments)
3.732 Million cell updates/sec

Title: US09966724B-2

Perfect score: 2372

Sequence: 1 GCACCGCGAGCTGGTGTG.....ATTACAGCATGAGCCACCG 2372

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 148 seqs, 6293 residues

Total number of hits satisfying chosen parameters: 296

Minimum DB seq length: 8

Maximum DB seq length: 100

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 148 summaries

Database : rstdb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	76	3.2	92	1	CK820619
2	75.2	3.2	88	1	AA809831
3	72.2	3.0	93	1	AA894819
4	71.2	3.0	87	1	T87662
5	69.4	2.9	87	1	AW063866
6	66	2.8	82	1	AA425898
7	63.8	2.7	75	1	CB384159
8	60.4	2.5	70	1	N84707
9	57.4	2.4	75	1	N38861
10	57	2.4	73	1	CK725590
11	55.8	2.4	59	1	AA082835
12	54.6	2.3	61	1	CL528363
13	53	2.2	62	1	CB288037
14	48.8	2.1	55	1	AW059824
15	48.4	2.0	50	1	AU103190
16	47.6	2.0	63	1	D19954
17	46.8	2.0	50	1	AU104029
18	46.8	2.0	61	1	AZ755874
19	46.4	2.0	58	1	BG939604
20	46.4	2.0	61	1	R09768
21	45.4	1.9	55	1	AG199927
22	45.2	1.9	50	1	AU103186
23	45.2	1.9	50	1	AU104438
24	44.8	1.9	56	1	BH770753
25	44.2	1.9	50	1	AU105701
26	44.2	1.9	50	1	AU106333
27	43.8	1.8	54	1	BH770627
28	43.6	1.8	50	1	AU102528
29	43.6	1.8	50	1	AU102534
30	42.6	1.8	50	1	AU102884
31	42	1.8	50	1	AU102529
32	42	1.8	50	1	AU107537
33	41.8	1.8	55	1	AA907571

ACCESSION:AA912807	46	1	AA912807	1.7	41.2	34
ACCESSION:AUI05973	50	1	AUI05973	1.7	41	35
ACCESSION:AUI02521	50	1	AUI02521	1.7	40.4	36
ACCESSION:AUI03074	50	1	AUI03074	1.7	40.4	37
ACCESSION:D25879	52	1	D25879	1.7	40.2	38
ACCESSION:AA020746	50	1	AA020746	1.7	40	39
ACCESSION:AUI06615	50	1	AUI06615	1.7	40	40
ACCESSION:BG497401	52	1	BG497401	1.7	40	41
ACCESSION:R64664	52	1	R64664	1.7	39.6	42
ACCESSION:AUI040713	52	1	AUI040713	1.7	39	43
ACCESSION:AUI02524	50	1	AUI02524	1.6	38.8	44
ACCESSION:AUI02535	50	1	AUI02535	1.6	38.8	45
ACCESSION:AUI04437	50	1	AUI04437	1.6	38.8	46
ACCESSION:B00953	51	1	B00953	1.6	38.8	47
ACCESSION:AUI02381	50	1	AUI02381	1.6	38.4	48
ACCESSION:AUI05707	50	1	AUI05707	1.6	38.2	49
ACCESSION:H69549	50	1	H69549	1.6	37.4	50
ACCESSION:R70733	37	1	R70733	1.6	37	51
ACCESSION:AG200058	43	1	AG200058	1.6	36.8	52
ACCESSION:AW247861	48	1	AW247861	1.6	36.8	53
ACCESSION:R89723	48	1	R89723	1.5	35.8	54
ACCESSION:N71938	43	1	N71938	1.5	35.6	55
ACCESSION:H92874	44	1	H92874	1.5	35.6	56
ACCESSION:AA807296	45	1	AA807296	1.5	35.6	57
ACCESSION:AA199768	45	1	AA199768	1.5	35.6	58
ACCESSION:AA812181	47	1	AA812181	1.5	35.4	59
ACCESSION:H84332	42	1	H84332	1.5	35.2	60
ACCESSION:H95705	41	1	H95705	1.5	34.6	61
ACCESSION:R61212	43	1	R61212	1.5	34.6	62
ACCESSION:AA627434	44	1	AA627434	1.5	34.4	63
ACCESSION:R07302	44	1	R07302	1.5	34.4	64
ACCESSION:AUI02660	45	1	AUI02660	1.5	34.4	65
ACCESSION:A1468217	43	1	A1468217	1.4	34	66
ACCESSION:AA054107	38	1	AA054107	1.4	33.8	67
ACCESSION:H84235	39	1	H84235	1.4	33.2	68
ACCESSION:W96297	40	1	W96297	1.4	33	69
ACCESSION:H14824	41	1	H14824	1.4	33	70
ACCESSION:R07988	43	1	R07988	1.4	33	71
ACCESSION:AG189036	37	1	AG189036	1.4	32.8	72
ACCESSION:AA911358	39	1	AA911358	1.4	32.8	73
ACCESSION:N77004	34	1	N77004	1.4	32.4	74
ACCESSION:T51409	37	1	T51409	1.4	32.4	75
ACCESSION:AA737623	41	1	AA737623	1.4	32.2	76
ACCESSION:H58423	41	1	H58423	1.4	32.2	77
ACCESSION:AA019796	41	1	AA019796	1.3	32	78
ACCESSION:T81581	41	1	T81581	1.3	31.8	79
ACCESSION:AA868654	42	1	AA868654	1.3	31.8	80
ACCESSION:H14827	34	1	H14827	1.3	31.4	81
ACCESSION:R85453	36	1	R85453	1.3	31.2	82
ACCESSION:H99413	40	1	H99413	1.3	31	83
ACCESSION:H45829	38	1	H45829	1.3	30.6	84
ACCESSION:N57774	39	1	N57774	1.3	30.6	85
ACCESSION:T95881	40	1	T95881	1.3	30.6	86
ACCESSION:T89869	34	1	T89869	1.3	30.4	87
ACCESSION:A1801185	35	1	A1801185	1.3	30.2	88
ACCESSION:H43763	40	1	H43763	1.3	30.2	89
ACCESSION:AUI088003	38	1	AUI088003	1.3	30	90
ACCESSION:AG201498	33	1	AG201498	1.3	29.8	91
ACCESSION:H67588	35	1	H67588	1.3	29.8	92
ACCESSION:H71137	37	1	H71137	1.2	29.6	93
ACCESSION:N34814	38	1	N34814	1.2	29.6	94
ACCESSION:AA810775	36	1	AA810775	1.2	29.2	95
ACCESSION:BT112512	38	1	BT112512	1.2	29	96
ACCESSION:H56911	37	1	H56911	1.2	28.6	97
ACCESSION:N80471	33	1	N80471	1.2	28.4	98
ACCESSION:T66163	34	1	T66163	1.2	28.2	99
ACCESSION:R92576	37	1	R92576	1.2	28	100
ACCESSION:AUI039205	36	1	AUI039205	1.2	28	101
ACCESSION:N80349	33	1	N80349	1.2	27.8	102
ACCESSION:T53017	35	1	T53017	1.1	27.2	103
ACCESSION:R84946	28	1	R84946	1.1	27	104
ACCESSION:N38850	35	1	N38850	1.1	27	105
ACCESSION:T99092	30	1	T99092	1.1	26.8	106

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107 26.6 1.1 34 1 H41735
108 26.6 1.1 34 1 T60701
109 26.6 1.1 35 1 T89849
110 26.4 1.1 35 1 H41155
111 26 1.1 34 1 H43792
112 25.8 1.1 32 1 T86009
113 25.6 1.1 32 1 H70643
114 25.6 1.1 32 1 A2309847
115 25.6 1.1 34 1 R39218
116 25.6 1.1 34 1 R36723
117 25.6 1.1 34 1 AG202966
118 25.4 1.1 32 1 H46868
119 25.2 1.1 30 1 H39150
120 25 1.1 33 1 R94841
121 24.8 1.0 31 1 T81491
122 24.8 1.0 32 1 H21549
123 24.6 1.0 31 1 H26961
124 24.2 1.0 30 1 A2659725
125 23.6 1.0 30 1 R96806
126 23.2 1.0 28 1 H63106
127 23.2 1.0 28 1 T65402
128 22.8 1.0 27 1 R07762
129 22.6 1.0 29 1 T63744
130 22.4 0.9 25 1 H93534
131 22.2 0.9 28 1 H58190
132 21.8 0.9 26 1 AG197173
133 21.8 0.9 27 1 T97219
134 21.2 0.9 26 1 A2310123
135 20.8 0.9 25 1 AG189863
136 20.8 0.9 26 1 H53363
137 20.8 0.9 27 1 CF279147
138 20.4 0.9 25 1 N77071
139 20 0.8 26 1 R15830
140 19.8 0.8 24 1 CF302406
141 19.6 0.8 26 1 H86139
142 19.6 0.8 26 1 AG197557
143 19.2 0.8 24 1 AG201709
144 19.2 0.8 24 1 AG202109
145 19 0.8 20 1 AG200804
146 17.8 0.8 22 1 BQ591193
147 16.8 0.7 20 1 AW249539
148 16.8 0.7 21 1 AG201647

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ALIGNMENTS

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RESULT 1
LOCUS CK820619 92 bp mRNA linear EST 11-MAR-2004
DEFINITION id99d08.x5 HR85 islet Homo sapiens cDNA clone IMAGE:5085735 3',
mRNA sequence.
ACCESSION CK820619
VERSION CK820619.1 GI:44837544
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 92)
AUTHORS Melton,D., Meadows,A., Clifton,S., Hillier,L., Marra,M., Pape,D.,
Wyllie,T., Martin,J., Blisstein,A., Schmitt,A., Theising,B.,
Ritter,E., Ronko,I., Bennett,J., Cardenas,M., Gibbons,M.,
McCaan,R., Cole,R., Tsagareishvili,R., Williams,T., Jackson,Y. and
Bowers,Y.
TITLE WashU-Harvard Pancreas EST Project
JOURNAL Unpublished (2000)
COMMENT Other ESTs: id99d08.y1
Contact: Douglas Melton, Klaus H. Kaestner, & Hiroshi Inoue
Endocrine Pancreas Consortium
Harvard University, Howard Hughes Medical Institute
Dept of Molecular and Cellular Biology, 7 Divinity Ave, Cambridge,
MA 02138

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Tel: 617-495-1812
Fax: 617-495-8557
Email: dmelton@biohbp.harvard.edu
This read is a 3' RESEQUENCE of a previously sequenced pancreas
clone
Good hit to opposite strand read. . . wrong orientation BUT PASSED FOR
MOUSE-PANCREAS VERIFICATION
Seq primer: -40RP from Gibco.
Location/Qualifiers
1. .92
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:5085735"
/tissue_type="Purified pancreatic islet"
/lab_host="DH10B"
/clone_lib="HR85 islet"
/notes="Organ: Pancreas; Vector: pBluescript SK(-); Site_1:
NotI; Site_2: XhoI; cDNA made by oligo-dT priming.
Size selected on agarose gel. Average insert size ~1kb. 5'
XhoI site was destroyed after directional cloning.
Amplified once. Contact information: Hiroshi Inoue, MD,
Metabolism Div. (Alan Permutt Lab), Washington University
School of Medicine, Box 8127, 660 South Euclid Ave., St.
Louis, MO 63110. E-mail: hinoue@imgate.wustl.edu, Tel:
314-362-1916, Fax: 314-747-2692."

```

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Query Match 3.2%; Score 76; DB 1; Length 92;
Best Local Similarity 89.1%; Pred. No. 1.5;
Matches 82; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
QY 2266 TAGAGACAGGGTTTCCCGTTAGCCAGGATGCTCGATCTCCGATCCCTGATCGG 2325
Db 1 TGGAGACAGGGTTTCCCGTTAGCCAGGATGCTCGATCTCCGATCCCTGATCGG 60
QY 2326 CCACCTCGGCTCCCAAGTCTGGGATTAC 2357
Db 61 CCACCTCGGCTCCCAAGTCTGGGATTAC 92

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```

RESULT 2
AA809831 88 bp mRNA linear EST 19-FEB-1998
LOCUS Qa40f11.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1307469 3',
similar to contains Alu repetitive element;; mRNA sequence.
AA809831
VERSION AA809831.1 GI:2879237
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 88)
AUTHORS NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
JOURNAL Unpublished (1997)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgapsb@emil.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman,
Ph.D., Gerald Marti, M.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldio, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www.biol.llnl.gov/bbrp/image/image.html
Insert Length: 963 Std Error: 0.00
Seq primer: -40m13 fwd. ET from Amersham
High quality sequence stop: 60.
Location/Qualifiers
1. .88

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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1307469"
/tissue_type="germinal center B cell"
/lab_host="DH10B"
/clone_lib="NCI_CGAP_GCB1"
/notes="Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was prepared from human tonsillar cells enriched for germinal center B cells by flow sorting (CD20+, IgD-), provided by Dr. Louis M. Staudt (NCI), Dr. David Allman (NCI) and Dr. Gerald Marti (CHBR). cDNA synthesis was primed with a Not I - oligo(dT) primer [5'-TGTACCAATCTGAAGTGGAGCGCGCTCATTTTTTTTTTTT-3']. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization, and was constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 3.2%; Score 75.2; DB 1; Length 88;
Best Local Similarity 90.9%; Pred. No. 1.5;
Matches 80; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 2278 TTCAACGCTGTAGCAGGATGGTCTCGATCTCTCGATCGGATCGGCCACCTCGGCC 2337
|||||
Db 1 TTCAACGCTGTAGCAGGATGGTCTCGATCTCTCGATCGGATCGGCCACCTCGGCC 60
|||||

QY 2338 TCCAAAGTCTGGGATTCAGGCATGA 2365
|||||
Db 61 TCTCAAAGTCTGGGATTCAGGCATGA 88
|||||

RESULT 3
AA894819
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

AA894819 93 bp mRNA linear EST 09-JUN-1998
oj61d08.s1 NCI_CGAP_kid3 Homo sapiens cDNA clone IMAGE:1502799 3'
similar to contains Alu repetitive element;; mRNA sequence.

AA894819
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 93)
NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgaps-femail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Cloned through the I.M.A.G.E. Consortium
www-bio.llnl.gov/bbrp/image/image.html
Insert Length: 5717 Std Error: 0.00
Seq primer: -40m13 fwd. ET from Amersham
High quality sequence stop: 73.

FEATURES
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1502799"
/lab_host="DH10B"
/clone_lib="NCI_CGAP_Kid3"
/notes="Organ: kidney; Vector: pT7T3D-Pac (Pharmacia) with

a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer, double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. mRNA source: 2 pooled kidneys. Library went through one round of normalization. Library constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 3.0%; Score 72.2; DB 1; Length 93;
Best Local Similarity 86.0%; Pred. No. 2.1;
Matches 80; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 2273 AGGCTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTCGATCGGATCGGCCACCT 2332
|||||
Db 1 AGTATTTACCGTGTGTGCTCGATGGTCTCGATCTCTCGATCGGATCGGCCACCT 60
|||||

QY 2333 CGGCTTCCCAAGTGTGGGATTCAGGCATGA 2365
|||||
Db 61 CGGCTTCCCAAGTGTGGGATTCAGGCATGA 93
|||||

RESULT 4
T87662
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

T87662 87 bp mRNA linear EST 17-MAR-1995
yd91b12.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:115583 3' similar to contains Alu repetitive element;; mRNA
sequence.

T87662
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 87)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevas, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.edu
Insert Size: 1068
High quality sequence stop: 75.

FEATURES
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1. .87
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/mol_type="mRNA"
/db_xref="GDB:471200"
/db_xref="taxon:9606"
/clone="IMAGE:115583"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)
with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5' AACTGGAGATTAATAAGATCTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I

High quality sequence stop: 75.
Insert Length: 1068 Std Error: 0.00
Seq primer: -21m13
High quality sequence stop: 75.
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:471200"
/db_xref="taxon:9606"
/clone="IMAGE:115583"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)
with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5' AACTGGAGATTAATAAGATCTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match
Best Local Similarity 3.0%; Score 71.2; DB 1; Length 87;
Matches 76; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2266 TAGAGACAGGTTTACCGTGTAGCCAGGATGTCGATCTCCTGACCTCGTGATCCG 2325
DB 3 TTGACAGCGAGTTTACCATGTTGCCAGGATGTCCTCAATCTCTTGACCTCGTGATCCG 62

QY 2326 CCCACTCGGCTCCCAAAGTGCTG 2350
DB 63 CCCACTCGGCTCCAAAGTNCITG 87

RESULT 5
LOCUS
DEFINITION DP0792 KRIIB Human DP intrathymic T-cell cDNA library Homo sapiens
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)

REFERENCE
AUTHORS Goh,S.-H., Park,J.-H., Lee,Y.J., Lee,H.G., Yoo,H.-S., Lee,I.-C., Park,J.-H., Kim,Y.-S. and Lee,C.-C.
TITLE Gene expression profile and identification of differentially expressed transcripts during human intrathymic T-cell development by cDNA sequencing analysis
JOURNAL Genomics 70 (1), 1-18 (2000)
MEDLINE 20541704
PUBMED 11087656
COMMENT Contact: Sung-Ho Goh
Genome Center
Korea Research Institute of Bioscience and Biotechnology
Oun-dong 52, Yu Sung-Gu, Daejeon 305-333, Republic of Korea
Tel: 82-42-860-4473
Fax: 82-42-860-4479
Email: goshnemail.kribb.re.kr
Seq primer: T7
High quality sequence stop: 87
POLYA=No.

FEATURES
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1..87
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/db_xref="taxon:9606"
/tissue_type="Thymus"
/cell_type="Intrathymic T-cell"
/dev_stage="CD3+4+8+ double positive stage"
/clone_libs="KRIIB Human DP intrathymic T-cell cDNA library"
/note="Vector: pGEM-T; cDNA was made from total cytoplasmic RNA of sorted human intrathymic CD3+4+8+ T-cell, adaptor ligated, amplified with PCR, and cloned into pGEM-T vector."

Query Match
Best Local Similarity 2.9%; Score 69.4; DB 1; Length 87;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTACCGAGGATGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
DB 1 CACCATGTTGGCAGGCGTGGTCTCAAACTCCTGACCTCGTGATCCGCCCGCTTGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
DB 11

Query Match
Best Local Similarity 2.8%; Score 66; DB 1; Length 82;
Matches 72; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2263 TAGTAGACAGAGGTTTACCGTGTAGCCAGGATGTCGATCTCCTGACCTCGTGAT 2322
DB 1 TAGTAGACAGAGGTTTACCATGCTGGCCAGGATGTCCTTGATATCTTGACCTTGAT 60

QY 2323 CGCCCACTCGGCCTCCCAA 2344
DB 61 CTGCCCGCCTTGGCCTCCCAA 82

RESULT 7
LOCUS
DEFINITION CB384159 75 bp mRNA linear EST 16-MAY-2003
T9ESTzyh51g08.y1 T9ME49 3 day invitro bradyzoite Toxoplasma gondii
cDNA clone T9ESTzyh51g08.y1 5' similar to SW:ALU4 HUMAN P39191 ALU
SUBFAMILY SB2 SEQUENCE CONTAMINATION WARNING ENTRY. [1] ; mRNA
sequence.

Db 61 CCAAAGTCTGGGATTACAGGTGTGAG 87

RESULT 6
LOCUS
DEFINITION AA425898 82 bp mRNA linear EST 16-OCT-1997
zw17q06.s1 Soares ovary tumor NbHOT Homo sapiens cDNA clone
IMAGE:769594 3' similar to contains Alu repetitive element;; mRNA
sequence.
AA425898
VERSION
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)

REFERENCE
AUTHORS Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisels,G., Jost,S., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin,J., Moore,B., Schellenberg,K., Steptoe,M., Tan,F., Theising,B., White,Y., Wyllie,T., Waterston,R. and Wilson,R.
WashU-Merck EST Project 1997
Unpublished (1997)
Contact: Wilton RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: -41ml3 fwd. Et from Amersham.

FEATURES
source
1..82
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:5979464"
/db_xref="taxon:9606"
/clone="IMAGE:769594"
/sex="Female"
/tissue_type="ovarian tumor"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares ovary tumor NbHOT"
/note="Organ: ovary; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', TGTTCACCAATCTCAAGTCGAGCGCGCGGTTTTTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library constructed by Bento Soares and M.Fatima Bonaldo."

source

```
1.75
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="CDB:3898285"
/db_xref="taxon:9606"
/clone="IMAGE:279909"
/sex="male"
/tissue_type="multiple sclerosis lesions"
/dev_stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares multiple sclerosis 2NBHSP"
/notes="Vector: p7T3D (Pharmacia) with a modified
polylinker V type: phagemid; Site 1: Not I; Site 2: Eco
RI; 1st strand cDNA was primed with a Not I - oligo (dT)
primer [5',
TGTACCATCTGAAGTGGAGCGCGCGCATTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified p7T3 vector
(Pharmacia). Library went through one round of
normalization to a Cot = 5. Library constructed by Bento
Soares and M. Fatima Bonaldo. RNA from 4 multiple sclerosis
lesions from one patient was kindly provided by Dr. Kevin
G. Becker (NINDS/NIH). "
```

Query Match 2.4%; Score 57.4; DB 1; Length 75;
Best Local Similarity 85.3%; Pred. No. 7.8;
Matches 64; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2099 TGAGACGAGTCTTCTGCTGTATCCAGGCTGGAGTGCAGTGGGTGATCTTGGCTACTG 2158
|||||
Db 1 TGAGACGAGTCTCACTCTGTCAACCGAGTGCAGTGGACTATCTTGGCTACTG 60
|||||

QY 2159 CAAGCTTCGCCCTCC 2173
|||||
Db 61 CAAGCTCGCCCTCCC 75
|||||

RESULT 10
CK725590/c
LOCUS
DEFINITION
SWB13CAW02A02SK Wuchereria bancrofti L3 cDNA (SAW96MLW-WBL3)
Wuchereria bancrofti cDNA clone SWB13CAW02A02 5', mRNA sequence.
CK725590
CK725590.1 GI:42579128
EST.
Wuchereria bancrofti
Wuchereria bancrofti
Eukaryota; Metazoa; Nematoda; Chromadorea; Spirurida; Filarioidea;
Onchocercidae; Wuchereria.
1 (bases 1 to 73)
Williams, S.A.
Genes Expressed in L3 infective stage larvae of Wuchereria
bancrofti
Unpublished (1999)
Contact: Steven A. Williams
Molecular Parasitology
Smith College Department of Biological Sciences
Department of Biological Sciences, Clark Science Center, Smith
College, Northampton, MA, 01063, USA
Tel: 4135853826
Fax: 4135853786
Email: genome@smith.edu
Seq primer: pBluescript SK.
Location/Qualifiers
1.75
/organism="Wuchereria bancrofti"
/mol_type="mRNA"
/db_xref="taxon:6293"
/clone="SWB13CAW02A02"
/dev_stage="L3 infective stage larvae"
/lab_hosts="X11-Blue MRF"
/clone_lib="Wuchereria bancrofti L3 cDNA (SAW96MLW-WBL3)"/>

/note="Vector: Lambda Uni-ZAP XR; Site 1: Eco RI; Site 2:
Xho I; Lymphatic filarial nematode parasite of humans.
mRNA was prepared from approximately 8,000 L3 isolated
from mosquitos in Cairo, Egypt and converted to
double-stranded cDNA using reverse transcriptase and
oligo(dT) followed by RNase H and DNA pol I. The library
has 1.0 x 10⁵ independent recombinants and the average
insert size is ~900 bp. The library was constructed by
Michelle. Lizotte-Maniewski. The library is available
from Dr.S.A.Williams, email: genome@smith.edu."

Query Match 2.4%; Score 57; DB 1; Length 73;
Best Local Similarity 92.3%; Pred. No. 7.9;
Matches 60; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2307 CTCTGACCTCGTATCCGCCACCTCGGCTCCCAAGTCTGGATTACAGGATGAG 2366
|||||
Db 73 CTCTGACCTCGTATCCGCCCTCTCGGCTCTCAAGTCTCAATTACAGGCGTGAG 14
|||||

QY 2367 CCACC 2371
|||||
Db 13 CCACC 9
|||||

RESULT 11
AA082835
LOCUS
DEFINITION
zn21912.s1 Stragene neuroepithelium NT2RAMI 937234 Homo sapiens
cDNA clone IMAGE:548134 3', similar to contains Alu repetitive
element.; mRNA sequence.
AA082835
AA082835.1 GI:1624910
EST.
Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 59)
Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,
Chissoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,
Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,
Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,
Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,
Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.
and Marra, M.
Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
97044478
8889549
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: -40M13 fwd. from Amersham.
Location/Qualifiers
1.59
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3926650"
/db_xref="taxon:9606"
/clone="IMAGE:548134"
/dev_stage="Ntera-2/RA-MI neuroepithelial cells"
/lab_hosts="Ntera-2/RA-MI neuroepithelial cells"
/clone_lib="Stragene neuroepithelium NT2RAMI 937234"
/notes="Vector: pBluescript SK; Site 1: EcoRI; Site 2:
XhoI; Cloned unidirectionally. Primer: Oligo dr. NT2
(Ntera-2/c1.D1) precursor cells induced with Retinoic
Acid for 1 week, followed by 3 weeks in mitotic inhibitors
(Replate #2). Average insert size: 1.1 kb; Uni-ZAP XR

FEATURES
source

Vector; -5' adaptor sequence: 5' GAATTCGGCAGAG 3' -3'
adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTT 3''

Query Match 2.4%; Score 55.8; DB 1; Length 59;
Best Local Similarity 96.8%; Pred. No. 7.8;
Matches 57; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGT 2319
|||||
Db 1 TTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGT 59
|||||

RESULT 12
CL528363
LOCUS
DEFINITION
ASV19C02.rev ASLV-vector integration sites in human 293T-TVA cells
Homo sapiens genomic clone ASV19C02.rev, genomic survey sequence.
CL528363
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 61)
Berry, C.C., Ecker, J.R. and Bushman, F.
Retroviral DNA Integration: ASLV, HIV and MLV Show Distinct Target
Site Preferences
Unpublished (2004)
Contact: Frederic Bushman
Salk Institute Infectious Disease Laboratory
The Salk Institute for Biological Studies
10010 N. Torrey Pines Road, La Jolla, CA 92037, USA
Tel: 858 453 4100 x1630
Fax: 858 554 0341
Email: bushman@salk.edu
Class: PCR with specific primers.
Location/Qualifiers
1..61
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="ASV19C02.rev"
/clone_lib="ASLV-vector integration sites in human"
/notes="Human 293T cells expressing the subgroup A avian
retrovirus receptor (293T-TVA) were infected with an
ASLV-based vector. DNA was isolated and cleaved with
restriction enzymes; linkers were ligated onto the cleaved
DNA and DNAs were amplified using one primer that bound to
the linker DNA and one that bound to the ASLV cDNA.
Junctions between integrated ASLV proviruses and cellular
DNA were cloned and sequenced."

FEATURES
source
1..61
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="ASV19C02.rev"
/clone_lib="ASLV-vector integration sites in human"
/notes="Human 293T cells expressing the subgroup A avian
retrovirus receptor (293T-TVA) were infected with an
ASLV-based vector. DNA was isolated and cleaved with
restriction enzymes; linkers were ligated onto the cleaved
DNA and DNAs were amplified using one primer that bound to
the linker DNA and one that bound to the ASLV cDNA.
Junctions between integrated ASLV proviruses and cellular
DNA were cloned and sequenced."

Query Match 2.3%; Score 54.6; DB 1; Length 61;
Best Local Similarity 93.4%; Pred. No. 8.9;
Matches 57; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2296 ATGGTCTCGATCTCTGACCTGATCGCCACCTCGGCTCCCAAGTGTGGATT 2355
|||||
Db 1 ATGGTCTCGATCTCTGACCTGATCGCCACCTCGGCTCCCAAGTGTGGATT 60
|||||

QY 2356 A 2356
|
Db 61 A 61

RESULT 13
CB298037/c
LOCUS
DEFINITION
12B22046 rev_1_G08_r_068.ab1 Chimpanzee brain library Koo's Pan
troglodytes cDNA clone 12B22046_rev_1_G08_r_068.ab1 5', mRNA
EST 28-FEB-2003

Query Match 2.2%; Score 53; DB 1; Length 62;
Best Local Similarity 91.8%; Pred. No. 11;
Matches 56; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2256 GTACTTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGGACC 2315
|||||
Db 62 GTACTTTAGTAGAGATGGGGTTTACCAATGTAGCCAGGATGCTCGATCTCTGACCTCGGACC 3
|||||

sequence.
CB298037
VERSION
KEYWORDS
SOURCE
ORGANISM
Pan troglodytes (chimpanzee)
Pan troglodytes

REFERENCE
1 (bases 1 to 62)
Hellmann, I., Zollner, S., Enard, W., Ebersberger, I., Nickel, B. and
Paabo, S.

TITLE
Selection on human genes as revealed by comparisons to chimpanzee
cDNA

JOURNAL
COMMENT
Genome Res. (2003) In press
Contact: Paabo S
Evolutionary Genetics
Max-Planck-Institute for evolutionary Anthropology
Deutscher Platz 6, 04103 Leipzig, Germany
Tel: +49-(0)-341-3550 500
Fax: +49-(0)-341-3550 555
Email: paabo@eva.mpg.de
Seq primer: M13 reverse.

FEATURES
source
1..62
/organism="Pan troglodytes"
/mol_type="mRNA"
/db_xref="taxon:9598"
/clone="12B22046_rev_1_G08_r_068.ab1"
/sex="male"
/tissue_type="brain, presumably cortex"
/dev_stage="adult"
/lab_host="Episcurian Coli (TM) XL-10-Gold"
/clone_lib="Chimpanzee brain library Koo's"
/note="Vector: pUCHi; Site 1: Sfil-A; Site 2: Sfil-B; The
library was prepared using the SMART cDNA library
construction kit (Clontech), doing only primer extension,
but not PCR amplification of the cDNA. The only deviation
from the published protocol was that we cloned the cDNA
into a plasmid vector."

Query Match 2.2%; Score 53; DB 1; Length 62;
Best Local Similarity 91.8%; Pred. No. 11;
Matches 56; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2256 GTACTTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGGACC 2315
|||||
Db 62 GTACTTTAGTAGAGATGGGGTTTACCAATGTAGCCAGGATGCTCGATCTCTGACCTCGGACC 3
|||||

QY 2316 T 2316
|
Db 2 T 2

RESULT 14
AW059824
LOCUS
DEFINITION
LE8a11.yg DNC15 Homo sapiens cDNA, mRNA sequence.
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 55)
Brenner, S., Williams, S.R., Vermass, E.H., Storck, T., Moon, K.,
MCCollum, C., Mao, J.I., Kirchner, J.J., Eletr, S., DuBridge, R.B.,
Burcham, T. and Albrecht, G.

TITLE
In vitro cloning of complex mixtures of DNA on microbeads: Physical
separation of differentially expressed cDNAs

JOURNAL
MEDLINE
PUBMED
2014098
10677516

COMMENT

Contact: Burcham TS
 LYNX Therapeutics, Inc.
 25861 Industrial Blvd., Hayward, CA 94545, USA
 Tel: 510 670 9338
 Fax: 510 670 9302
 Email: timb@lynxgen.com
 Sequence obtained from LYNX Therapeutics Megasort technology.
 Collected from the down-regulated gate.
 High quality sequence stop: 55.

FEATURES

source
 1..55
 Location/Qualifiers
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /cell_type="monocytic leukemia"
 /clone_lib="DNC15"
 /note="Vector: PCR2.1; Cloning of PCR products from micro-beads carrying 3' end of down-regulated cDNA. THP-1 cells non-induced (treated with DMSO only)."
 Query Match 2.1%; Score 48.8; DB 1; Length 55;
 Best Local Similarity 96.2%; Pred. No. 15;
 Matches 50; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2320 GATCGCCACCTCGGCTCCCAAGTCTGGGATTACAGCCACCC 2371
 |||||
 Db 1 GATCGCCACCTCGGCTCCCAAGTCTGGGATTACAGGTGTGAGCCACC 52

RESULT 15

AU103190
 LOCUS
 DEFINITION AU103190 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
 HSI05764, mRNA sequence.

ACCESSION AU103190

VERSION AU103190.1 GI:13552711

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE
 AUTHORS Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
 Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
 Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.

Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites

JOURNAL EMBO Rep. 2 (5), 388-393 (2001)

MEDLINE 21270072

PUBMED 11375929

COMMENT Contact: Yutaka Suzuki

Department of Virology
 Institute of Medical Science, University of Tokyo
 4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
 Email: yusuzuki@ims.u-tokyo.ac.jp
 Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
 Sugano,S. Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2), 149-156 (1997).

FEATURES

source
 1..50
 Location/Qualifiers
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="HSI05764"
 /clone_lib="Sugano Homo sapiens cDNA library"

Query Match 2.0%; Score 48.4; DB 1; Length 50;
 Best Local Similarity 98.0%; Pred. No. 14;
 Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGATCGCCACCTCGGCTCCCAAGTG 2347

Db

1 GGTCCTGATCTCTGACCTCGTGATCGCCCGCTCGGCTCCCAAGTG 50

RESULT 16

D19954/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

FEATURES

source

1..63

Location/Qualifiers

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="mm08g09"

/note="Female, adult, cell_line = HL60, cell_type = promyelocyte."

Query Match 2.0%; Score 47.6; DB 1; Length 63;

Best Local Similarity 84.1%; Pred. No. 18;

Matches 53; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2261 TTATAGTAGACACAGGCTTTCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTG 2320

|||

Db 63 TTATAGTAGACACAGGCTTTCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTG 4

QY 2321 ATC 2323

|||

Db 3 ATC 1

RESULT 17

AU104029

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

MEDLINE

PUBMED

COMMENT

11375929

Contact: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: yusuzuki@ims.u-tokyo.ac.jp

Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and

Sugano,S. Construction and characterization of a full

length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),

149-156 (1997).

Query Match 2.0%; Score 48.4; DB 1; Length 50;

Best Local Similarity 98.0%; Pred. No. 14;

Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGATCGCCACCTCGGCTCCCAAGTG 2347

Db

1 GGTCCTGATCTCTGACCTCGTGATCGCCCGCTCGGCTCCCAAGTG 50

RESULT 16

D19954/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

FEATURES

source

1..63

Location/Qualifiers

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="mm08g09"

/note="Female, adult, cell_line = HL60, cell_type = promyelocyte."

Query Match 2.0%; Score 47.6; DB 1; Length 63;

Best Local Similarity 84.1%; Pred. No. 18;

Matches 53; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2261 TTATAGTAGACACAGGCTTTCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTG 2320

|||

Db 63 TTATAGTAGACACAGGCTTTCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTG 4

QY 2321 ATC 2323

|||

Db 3 ATC 1

RESULT 17

AU104029

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

MEDLINE

PUBMED

COMMENT

11375929

Contact: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: yusuzuki@ims.u-tokyo.ac.jp

Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and

Sugano,S. Construction and characterization of a full

length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),

149-156 (1997).

Query Match 2.0%; Score 48.4; DB 1; Length 50;

Best Local Similarity 98.0%; Pred. No. 14;

Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGATCGCCACCTCGGCTCCCAAGTG 2347

Db

1 GGTCCTGATCTCTGACCTCGTGATCGCCCGCTCGGCTCCCAAGTG 50

RESULT 16

D19954/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

FEATURES

source

1..63

Location/Qualifiers

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="mm08g09"

/note="Female, adult, cell_line = HL60, cell_type = promyelocyte."

Query Match 2.0%; Score 47.6; DB 1; Length 63;

Best Local Similarity 84.1%; Pred. No. 18;

Matches 53; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2261 TTATAGTAGACACAGGCTTTCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTG 2320

|||

Db 63 TTATAGTAGACACAGGCTTTCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTG 4

QY 2321 ATC 2323

|||

Db 3 ATC 1

RESULT 17

AU104029

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

MEDLINE

PUBMED

COMMENT

11375929

Contact: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: yusuzuki@ims.u-tokyo.ac.jp

Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and

Sugano,S. Construction and characterization of a full

length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),

149-156 (1997).

Query Match 2.0%; Score 48.4; DB 1; Length 50;

Best Local Similarity 98.0%; Pred. No. 14;

Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGATCGCCACCTCGGCTCCCAAGTG 2347

Db

1 GGTCCTGATCTCTGACCTCGTGATCGCCCGCTCGGCTCCCAAGTG 50

RESULT 16

D19954/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

FEATURES

source

1..63

Location/Qualifiers

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="mm08g09"

/note="Female, adult, cell_line = HL60, cell_type = promyelocyte."

Query Match 2.0%; Score 47.6; DB 1; Length 63;

Best Local Similarity 84.1%; Pred. No. 18;

Matches 53; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2261 TTATAGTAGACACAGGCTTTCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTG 2320

|||

Db 63 TTATAGTAGACACAGGCTTTCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTG 4

QY 2321 ATC 2323

|||

Db 3 ATC 1

RESULT 17

AU104029

LOCUS

Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yasukie@ims.u-tokyo.ac.jp
Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and
Sugano, S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

FEATURES

source
1. .50
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone_lib="KAIARI1572"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 2.0%; Score 46.8; DB 1; Length 50;
Best Local Similarity 96.0%; Pred. No. 17;
Matches 48; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2265 GTAGACACGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTTGAC 2314
|||||
Db 1 GTAGAGATGGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTTGAC 50

RESULT 18

AZ755874 61 bp DNA linear GSS 01-MAR-2001
LOCUS ev10d06.x1 PAX3 CASTING Library 'ev' Homo sapiens genomic clone
DEFINITION ev10d06 random, genomic survey sequence.

ACCESSION AZ755874
VERSION AZ755874
KEYWORDS GSS.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 61)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Barber, T.D., Barber, M.C., Tomescu, O., Barr, F.G., Ruben, S. and
Friedman, T.B.

TITLE Identification of Target Genes Regulated by PAX3 and PAX3--FKHR in
Embryogenesis and Alveolar Rhabdomyosarcoma

JOURNAL Genomics 79 (3), 278-284 (2002)
MEDLINE 21853298
PUBMED 11863357

COMMENT Contact: Friedman TB
Laboratory of Molecular Genetics
National Institute on Deafness and Other Communication Disorders,
National Institutes of Health
5 Research Court, Room 2A-15, Rockville, MD 20850, USA

Tel: 301 402 7580
Fax: 301 496 7882
Email: friedman@nidcd.nih.gov
Plate: 10 row: d column: 06
Seq primer: -21M13 forward primer (ABI)
Class: random plasmid subclone.

FEATURES

source
1. .61
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="ev10d06"
/sex="Male"
/lab_host="DH10B"
/clone_lib="PAX3 CASTING Library 'ev'"
/note="Vector: pGEM-T Easy; Human genomic DNA was
partially digested with Sau3AI, ligated to ds linkers,
and enriched for binding to human PAX3d0+ protein using a
Whole Genome PCR-based strategy. DNA fragments containing
putative PAX3d0+ binding sites were amplified by PCR and
cloned into pGEM-T Easy (Promega). The ligation products
were transformed into DH10B electrocompetent cells (Life
Technologies)."

Query Match 2.0%; Score 46.8; DB 1; Length 61;
Best Local Similarity 96.0%; Pred. No. 19;
Matches 48; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2320 GATCCGCCACCTCGGCCTCCAAAGTGTGGGATTACAGGCATGAGCCA 2369
|||||
Db 12 GATCCACCCACCTCGGCCTCCAAAGTGTGGGATTACAGGCATGAGCCA 61

RESULT 19

BG939604 58 bp mRNA linear EST 20-JUN-2002
LOCUS cr58f11.x1 Human bone marrow stromal cells Homo sapiens cDNA clone
DEFINITION HMSC cr58f11 3', mRNA sequence.

ACCESSION BG939604
VERSION BG939604.1 GI:14338976
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 58)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Jia, L., Young, M.F., Powell, J., Yang, L., Ho, N.C., Hotchkiss, R.,
Robey, P.G. and Francomano, C.A.

TITLE Gene expression profile of human bone marrow stromal cells:
high-throughput expressed sequence tag sequencing analysis

JOURNAL Genomics 79 (1), 7-17 (2002)
MEDLINE 21686149
PUBMED 11827452

COMMENT Contact: Libin Jia
Medical Genetics Branch
National Human Genome Research Institute
10/10C101, 9000 Rockville Pike, Bethesda, MD 20892-1267, USA
Tel: 301-402-4877
Fax: 301-496-7157
Email: libin@helix.nih.gov

Intramural Sequencing and analyses by National Institutes of Health
DNA Sequencing Center (NISC).
Plate: 58 row: f column: 11

Seq primer: -21M13 forward primer (ABI).
Location/Qualifiers
1. .58
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="HMSC_cr58f11"
/sex="mixed"
/tissue_type="bone marrow stroma"
/dev_stage="mixed"
/lab_host="X11-Blue MRF"/SOLR"

/clone_lib="Human bone marrow stromal cells"
/note="Vector: pBluescript; Site 1: EcoRI; Site 2: XhoI;
mRNA made from human bone marrow stroma, cDNA made by
oligo-dT priming. Directionally cloned. Size-selected for
average insert size >0.5 kb. Library constructed by Dr.
Marian Young and Dr. Pamela Gehron Robey (NIDCR). Library
supplied by Dr. Libin Jia (NHGRI)"

Query Match 2.0%; Score 46.4; DB 1; Length 58;
Best Local Similarity 89.3%; Pred. No. 19;
Matches 50; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2086 TTATTATTTTTTGTAGACGAGTCTTGTCTGTATCCAGGCTGGAGTGCATGG 2141
|||||
Db 2 TTTTATTTTAAAGACGAGTCTCGCTCTGTTCGCCAGGCTGGAGTGCATGG 57

RESULT 20

R09768 61 bp mRNA linear EST 05-APR-1995
LOCUS yf27h10.r1 Soares fetal liver spleen INFILS Homo sapiens cDNA clone
DEFINITION IMAGE:128131 5' similar to gb|M87919|HUMALNE53 Human carcinoma

REFERENCE	Bacteria; Firmicutes; Lactobacillales; Streptococcaceae; Lactococcus.
AUTHORS	1 (bases 1 to 56)
TITLE	Bolotin.A., Ehrlich,S.D. and Sorokin.A.
JOURNAL	Studies of genomes of dairy bacteria Lactococcus lactis
COMMENT	Sci. Aliments (2002) In press Contact: Sorokin.A Genetique Microbiene INRA CRJ INRA, Domaine de Vilvert, 78352 Jouy en Josas cedex, Tel: 33 1 34 65 25 16 Fax: 33 1 34 65 25 21 Email: sorokine@jouy.inra.fr best homologue in strain ILI403 is pi304 (95%) Class: shotgun High quality sequence start: 30 High quality sequence stop: 56. Location/Qualifiers 1..56 /organism="Lactococcus lactis subsp. cremoris" /mol_type="genomic DNA" /strain="MGI363" /sub_species="cremoris" /db_xref="taxon:1359" /clone_lib="MGI363 Random Sequence Tag Library" /note="Vector: pSGMU2; Site 1: SmaI; Library of chromosomal fragments of L.lactis strain MGI363 prepared by partial AluI digestion or by sonica
FEATURES	Query Match 1.9%; Score 44.8; DB 1; Length 56; Best Local Similarity 87.5%; Pred. No.21; Matches 49; Conservative 0; Mismatches 7; Indels 0;
QY	2303 CGATCTCTCGACTCGTGTGATCGCCCACTCGSCCTCCCAAGTCTGGGATTA
Db	1 CGACTCTCGACTCTATATCCACCCTCGSCCTCTTAAGTCTGAATTA
RESULT 25	
AUI05701/c	
LOCUS	AUI05701 50 bp mRNA linear EST
DEFINITION	AUI05701 Sugano Homo sapiens cDNA library Homo sapiens c
ACCESSION	COLF0583, mRNA sequence.
VERSION	AUI05701
KEYWORDS	AUI05701.1 GI:13555222
SOURCE	EST.
ORGANISM	Homo sapiens (human)
REFERENCE	Homo sapiens
AUTHORS	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eute Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
TITLE	1 (bases 1 to 50)
JOURNAL	Hata,H., Oca,T., Isogai,T., Tanaka,T., Morishita,S., Oku
MEDLINE	Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
PUBMED	Diverse transcriptional initiation revealed by fine, lar
COMMENT	mapping of mRNA start sites EMBO Rep. 2 (5), 388-393 (2001) 21270072 11375929 Contact: Yutaka Suzuki Department of Virology Institute of Medical Science, University of Tokyo 4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan Email: ysuzuki@ims.u-tokyo.ac.jp Suzuki,Y., Yoshimoto-Nakagawa,K., Maruyama,K., Suyama,A. Sugano,S. Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library. Gene 149-156 (1997). Location/Qualifiers 1..50 /organism="Homo sapiens" /mol_type="mRNA" /db_xref="taxon:9606"
FEATURES	
source	

```

TITLE      Studies of genomes of dairy bacteria Lactococcus lactis
JOURNAL    Sci. Aliments (2002) In press
COMMENT    Contact: Sorokin A
           Genetique Microbienne
           INRA
           CRJ INRA, Domaine de Vilvert, 78352 Jouy en Josas cedex, France
           Tel: 33 1 34 65 25 16
           Fax: 33 1 34 65 25 21
           Email: sorokine@jouy.inra.fr
           best homologue in strain ILL403 is ymbD (46%)
           Class: shotgun
           High quality sequence start: 30
           High quality sequence stop: 54.
FEATURES   Location/Qualifiers
            source          1..54
                        /organism="Lactococcus lactis subsp. cremoris"
                        /mol_type="genomic DNA"
                        /strain="MG1363"
                        /sub_species="cremoris"
                        /db_xref="taxon:1359"
                        /clone_lib="MG1363 Random Sequence Tag Library"
                        /note="Vector: pSGM02; Site_1: SmaI; Library of
                        chromosomal fragments of L.lactis strain MG1363 was
                        prepared by partial AluI digestion or by sonication."
Query Match      1.8%; Score 43.8; DB 1; Length 54;
Best Local Similarity 95.7%; Pred.No.23;
Matches 45; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACTCGCGCTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 2372
      |||
      |||
      |||
Db 54 CCGCGCTCGTCTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 8

RESULT 28
AU102528
LOCUS      AU102528 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
DEFINITION HRC02580, mRNA sequence.
ACCESSION  AU102528
VERSION     AU102528.1 GI:13552048
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
            1 (bases 1 to 50)
            Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
            Hata,H., Ota,T., Isoqai,T., Tanaka,T., Morishita,S., Okubo,K.,
            Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
            Diverse transcriptional initiation revealed by fine, large-scale
            mapping of mRNA start sites
            EMBO Rep. 2 (5), 388-393 (2001)
            11375929
COMMENT    Contact: Yutaka Suzuki
            Department of Virology
            Institute of Medical Science, University of Tokyo
            4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
            Email: ysuzuki@ims.u-tokyo.ac.jp
            Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
            Sugano,S. Construction and characterization of a full
            length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
            149-156 (1997).
FEATURES   Location/Qualifiers
            source          1..50
                        /organism="Homo sapiens"
                        /mol_type="mRNA"
                        /db_xref="taxon:9606"
                        /clone="HRC02580"
                        /clone_lib="Sugano Homo sapiens cDNA library"

Query Match      1.8%; Score 43.6; DB 1; Length 50;

```

```

Best Local Similarity 92.0%; Pred. No. 22; Mismatches 0; Indels 4; Gaps 0;
Matches 46; Conservative 0;

QY 2261 TTTAGTAGACAGGGTTTACCGTGTTCAGCCAGGATGGTCTCGATCTCC 2310
|||||
Db 1 TTTAGTAGACAGGGTTTACCGTGTTCAGGATGGTCTCACTCC 50

RESULT 29
AUI02534 50 bp mRNA linear EST 28-JAN-2004
LOCUS AUI02534 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
DEFINITION ADSH00605, mRNA sequence.
ACCESSION AUI02534
VERSION AUI02534.1 GI:13552055
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
TITLE Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

FEATURES
source
1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="NBLAN137NR1"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.8%; Score 42.6; DB 1; Length 50;
Best Local Similarity 91.8%; Pred. No. 25;
Matches 45; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2092 TTTTITGAGACCGAGTCTTCTGTGTACCCAGCGTGGAGTGCAGTG 2140
|||||
Db 2 TTTTITGAGACCGAGTCTCGCTCTGTGCCAGCGTGGAGTGCAGTG 50

RESULT 31
AUI02529 50 bp mRNA linear EST 28-JAN-2004
LOCUS AUI02529 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
DEFINITION HRC07143, mRNA sequence.
ACCESSION AUI02529
VERSION AUI02529.1 GI:13552049
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
TITLE Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

FEATURES
source
1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="HRC07143"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.8%; Score 42; DB 1; Length 50;
Best Local Similarity 90.0%; Pred. No. 26;
Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2266 TAGAGACAGGGTTTACCGTGTTCAGCCAGGATGGTCTCGATCTCTCGACC 2315
|||||

```

Db 1 TAGAGACAGGGTTTACCACCATCTGGTCAGGCTGGTCTCGAGCTCCTGACC 50

RESULT 32

AAU07537

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

MEDLINE

PUBMED

COMMENT

AAU07537 50 bp mRNA linear EST 28-JAN-2004
 AUI07537 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
 ADSE01344, mRNA sequence.
 AUI07537
 AUI07537.1 GI:13557058
 EST.
 Homo sapiens (human)
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 50)
 Suzuki, Y., Taiba, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J.,
 Hata, H., Ota, T., Isegai, T., Tanaka, T., Morishita, S., Okubo, K.,
 Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.
 Diverse transcriptional initiation revealed by fine, large-scale
 mapping of mRNA start sites
 EMBO Rep. 2 (5), 388-393 (2001)
 21270072
 11375929
 Contact: Yutaka Suzuki
 Department of Virology
 Institute of Medical Science, University of Tokyo
 4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
 Email: yusuzuki@ims.u-tokyo.ac.jp
 Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and
 Sugano, S. Construction and characterization of a full
 length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
 149-156 (1997).

FEATURES

source

1. .50

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="ADSE01344"

/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.8%; Score 42; DB 1; Length 50;

Best Local Similarity 90.0%; Pred. No. 26;

Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2094 TTTTGGACCGAGTCTGCTCTGTACCGAGTGGAGTGCAGTGGGT 2143

|||||

Db 1 TTTTGGACAGAGTCTGCTCTGTTCAGGCTGGAGTGCAGTGGCT 50

RESULT 33

AA907571

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

AA907571 55 bp mRNA linear EST 10-JUN-1998
 om09f08.s1 Soares NFL T_GBC_S1 Homo sapiens cDNA clone
 IMAGE:1540551 3' similar to gb:U02570 !!! ALU CLASS C WARNING
 ENTRY !!!!! (HUMAN), mRNA sequence.
 AA907571
 AA907571.1 GI:3043031
 EST.
 Homo sapiens (human)
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 55)
 NCI-CCGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 Unpublished (1997)
 Contact: Robert Strausberg, Ph.D.
 Email: cgaps-remail.nih.gov
 This clone is available royalty-free through LLNL; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality

Insert Length: 1251 Std Error: 0.00
 Seq primer: -40ml3 fwd. ET from Amersham
 High quality sequence stop: 1.

FEATURES

source

1. .55

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="IMAGE:1540551"

/lab_host="DH10B"

/clone_lib="Soares NFL T_GBC_S1"

/notes="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with
 a modified polylinker; Site 1: Not I; Site 2: Eco RI;
 Equal amounts of plasmid DNA from three normalized
 libraries (fetal lung NbHL19W, testis NHT, and B-cell
 NCI CGAP GCBI) were mixed, and ss circles were made in
 vitro. Following HAP purification, this DNA was used as
 tracer in a subtractive hybridization reaction. The driver
 was PCR-amplified cDNAs from pools of 5,000 clones made
 from the same 3 libraries. The pools consisted of
 I.M.A.G.E. clones 297480-302087, 682632-687239,
 726408-728711, and 729096-731399. Subtraction by Bento
 Soares and M. Fatima Bonaldo."

Query Match 1.8%; Score 41.8; DB 1; Length 55;

Best Local Similarity 86.8%; Pred. No. 28;

Matches 46; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGACAGAGGTTTCCCGTGTAGCCAGGATGTTCTCGATCTCTCGT 2312

|||||

Db 3 TTTTAGTAGAGGGGGGTTTCAACAGGTTGCCAGGATGTTCTCGATCTCTCGT 55

RESULT 34

AA912807

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

AA912807 46 bp mRNA linear EST 26-AUG-1998
 cl43a05.s1 Soares NFL T_GBC_S1 Homo sapiens cDNA clone
 IMAGE:1526192 3' similar to gb:X14008_rnal LYSOZYME C PRECURSOR
 (HUMAN), mRNA sequence.

AA912807

AA912807.1 GI:3052199

EST.

Homo sapiens (human)

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 46)

NCI-CCGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),

Tumor Gene Index

Unpublished (1997)

Contact: Robert Strausberg, Ph.D.

Email: cgaps-remail.nih.gov

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 408 Std Error: 0.00

Seq primer: -40ml3 fwd. ET from Amersham

High quality sequence stop: 1.

Location/Qualifiers

1. .46

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="IMAGE:1526192"

/lab_host="DH10B"

/clone_lib="Soares NFL T_GBC_S1"

/notes="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with

a modified polylinker; Site 1: Not I; Site 2: Eco RI;

Equal amounts of plasmid DNA from three normalized

libraries (fetal lung NbHL19W, testis NHT, and B-cell

NCI CGAP GCBI) were mixed, and ss circles were made in

vitro. Following HAP purification, this DNA was used as

/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.7%; Score 40.4; DB 1; Length 50;
Best Local Similarity 88.0%; Pred. No. 30;
Matches 44; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2316 TCGTGATCGGCCACCTCGGCTCCCAAGTGTGGGATACAGGCATGA 2365
|||||
Db 1 TTGTGATCGGCCGCTTGACTCTCCAAAGTGTGGGATGACAGCGCTGA 50
|||||

RESULT 38
D25879/c
LOCUS HUGS05672 Human colon mucosa Homo sapiens cDNA clone cm2335 3',
52 bp mRNA linear EST 30-NOV-1995
mRNA sequence.

ACCESSION D25879
VERSION D25879.1 GI:500543
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Okubo,K., Yoshii,J., Yokouchi,H., Kameyama,M. and Matsubara,K.
TITLE Global analysis of gene expression in colon mucosa: a large scale
random cDNA sequencing analysis

JOURNAL Unpublished (1994)
COMMENT Contact: Okubo,K., Itoh,K., Yoshii,J., Yokouchi,H. and Matsubara,K.
Institute for Molecular and Cellular Biology
Osaka University
3-1 Yamada-oka, Suita, Osaka 565, Japan.

FEATURES
source Location/Qualifiers
1..52
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone_lib="cm2335"
/clone_lib="Human colon mucosa"
/note="Adult male, tissue_type = colon mucosa"

Query Match 1.7%; Score 40.2; DB 1; Length 52;
Best Local Similarity 93.3%; Pred. No. 32;
Matches 42; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2097 TTGAGACCGAGTCTGTCTGTACCCAGCTGGAGTGCAGTGG 2141
|||||
Db 52 TTGAGACGGAGTCTGTCTGTCTGTACCCAGCTGGAGTGCAGTGG 8
|||||

RESULT 39
AA020746/c
LOCUS AA020746 50 bp mRNA linear EST 30-JAN-1997
DEFINITION ze63d09.s1 Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:363665 3' similar to gb:X53795_rnal INDUCIBLE MEMBRANE
PROTEIN R2 (HUMAN);, mRNA sequence.

ACCESSION AA020746
VERSION AA020746.1 GI:1484528
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.,
Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W.,
Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N.,
Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L.,
Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Mieg,J.,
Trevasakis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R.
and Marra,M.

TITLE Generation and analysis of 280,000 human expressed sequence tags
JOURNAL Genome Res. 6 (9), 807-828 (1996)

MEDLINE 97044478
PUBMED 889549
COMMENT

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

This clone is available royalty-free through LNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 4318 Std Error: 0.00
Seq primer: -40M13 fwd. from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1..50

FEATURES
source

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:1280368"
/db_xref="taxon:9606"
/clone_lib="IMAGE:363665"
/sex="male"
/tissue_type="retina"
/dev_stage="55 year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares retina N2b4HR"
/note="Organ: eye; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer (5',
TGTTACCAATCTGAAGTGGAGCGCGCGCTTTTCTTTTCTTTT 3'),
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). The retinas were obtained from a 55 year old
Caucasian and total cellular poly(A)+ RNA was extracted 6
hrs after their removal. The retina RNA was kindly
provided by Roderick R. McInnes M.D. Ph.D. from the
University of Toronto. Library constructed by Bento
Soares and M.Fatima Bonaldo."

Query Match 1.7%; Score 40; DB 1; Length 50;
Best Local Similarity 93.0%; Pred. No. 31;
Matches 40; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2330 CCTCGCCCTCCCAAGTGTGGGATACAGGCATGACCCACCG 2372
|||||
Db 50 CCTCGCCCTCCCAAGTGTGGGATACAGGCATGACCCACCG 8
|||||

RESULT 40
AU106615

LOCUS AU106615 50 bp mRNA linear EST 28-JAN-2004
DEFINITION AU106615 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
COLF5363, mRNA sequence.

ACCESSION AU106615
VERSION AU106615.1 GI:13556136
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites

JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
 Email: yezuki@ims.u-tokyo.ac.jp
 Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and
 Sugano, S. Construction and characterization of a full
 length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
 149-156 (1997).

FEATURES

source

Location/Qualifiers
 1. .50
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="COLF3363"
 /clone_lib="Sugano Homo sapiens cDNA library"

Query Match

Best Local Similarity 1.7%; Score 40; DB 1; Length 50;
 Matches 43; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY

2093 TTTTGTGACCGAGCTTGTCTGTGTACCCAGGCTGGAGTGCAGTG 2140
 |||||
 3 TTTTGTGAGACTAGTCTGTCTGTGTGCCAGTCTGGAGTGCAGTG 50

Db

RESULT 41

BG497401

LOCUS

DEFINITION
 602538688F1 NIH_MGC_59 Homo sapiens cDNA clone IMAGE:4660076 5',
 mRNA sequence.

ACCESSION

BG497401

VERSION

BG497401.1

KEYWORDS

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

REFERENCE

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS

NIH-MGC http://mgc.nci.nih.gov/.

TITLE

National Institutes of Health, Mammalian Gene Collection (MGC)

JOURNAL

Unpublished (1999)

COMMENT

Contact: Robert Strausberg, Ph.D.
 Email: cgabbs-remail.nih.gov
 Tissue Procurement: ATCC
 cDNA Library Preparation: CLONETECH Laboratories, Inc.
 cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
 DNA Sequencing by: Incyte Genomics, Inc.
 Clone distribution: MGC clone distribution information can be
 found through the I.M.A.G.E. Consortium/LLNL at:
 http://image.llnl.gov
 Plate: LHCMI456 row: o column: 21
 High quality sequence stop: 52.

FEATURES

source

Location/Qualifiers
 1. .52
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:4660076"
 /tissue_type="mucoepidermoid carcinoma"
 /lab_host="DH10B (T1 phage-resistant)"
 /clone_lib="NIH_MGC_59"

/notes="Organ: lung; Vector: pDNR-LIB (Clontech); Site 1:
 SfiI (ggcgctcgcc); Site 2: SfiI (ggcattatggcc);
 Double-stranded cDNA was prepared from cell line RNA. 5'
 and 3' adaptors were used in cloning as follows: 5'
 adaptor sequence: 5'-CACGCCATTATGGCC-3' and 3' adaptor
 sequence: 5'-ATTCTAGAGCCGAGCGGCCGACATG-DT(30)BN-3'
 (where B = A, C, G and N = A, C, G, or T). Average
 insert size 1.65 kb (range 0.9-4.0 kb). 15/15 colonies
 contained inserts by PCR. This library was enriched for
 full-length clones and was constructed by Clontech
 Laboratories (Palo Alto, CA). Note: this is a NIH_MGC
 Library."

Query Match

Best Local Similarity 1.7%; Score 40; DB 1; Length 52;
 Matches 43; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Best Local Similarity 89.6%; Pred. No. 32;
 Matches 43; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY

2231 TGCACACACCTGGCTAAATTTTCTACTTTTAGTAGACACAGGGTT 2278
 |||||

Db

5 TGCACACACCTGGCTAAATTTTCTATGTTTAGTAGACACGGGTTT 52

RESULT 42

R64664

LOCUS

DEFINITION
 Y122a12.s1 Soares placenta Nb2HP Homo sapiens cDNA clone
 IMAGE:139966 3' similar to gb|J87898|HUMALCD133 Human carcinoma
 cell-derived Alu RNA transcript. (rRNA); gb:M14170 ALKALINE
 PHOSPHATASE, PLACENTAL TYPE 3 PRECURSOR (HUMAN); mRNA sequence.

ACCESSION

R64664

VERSION

R64664.1

KEYWORDS

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

REFERENCE

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
 Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
 Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
 Trevasakis, E., Waterston, R., Williamson, A., Wohldmann, P. and
 Wilson, R.

TITLE

The WashU-Merck EST Project

JOURNAL

Unpublished (1995)

COMMENT

Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Seq primer: Promega -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers

FEATURES

source

1. .52
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:551852"
 /db_xref="taxon:9606"
 /clone="IMAGE:139966"
 /sex="Female"
 /dev_stage="placenta obtained at birth (full term)"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares placenta Nb2HP"
 /note="Organ: placenta; Vector: pT7T3D (Pharmacia) with a
 modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
 strand cDNA was primed with a Not I - oligo(dT) primer [5'
 AACTGAGATTCGCGCGGAGGAATTTTTTTTTTTT 3'],
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Not I and cloned into the Not I
 and Eco RI sites of the modified pT7T3 vector. Library
 went through one round of normalization. Library
 constructed by Bento Soares and M.Fatima Bonaudo."

Query Match

Best Local Similarity 1.7%; Score 39.6; DB 1; Length 52;
 Matches 42; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY

2307 CTCCTGACCTCGTGATCCGCCACCTCGGCTCCCAAGTGTGGGATTACA 2358
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Db

1 CTCCTGACCTCGTGATCCGCCACCTCGGCTCCCAAGTGTGGGATTACA 52

```

RESULT 43
LOCUS      AI040713
DEFINITION  OX26a09.e1 Soares total_fetus Nb2HP8 9w Homo sapiens cDNA clone
IMAGE:1657432 3', similar to 9B:M21121 T-CELL SPECIFIC RANTES
PROTEIN PRECURSOR (HUMAN); mRNA sequence.
ACCESSION  AI040713
VERSION     AI040713.1 GI:3279907
KEYWORDS   EST.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1 (bases 1 to 48)
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE       Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
JOURNAL     NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
COMMENT     National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
            Tumor Gene Index
            Unpublished (1997)
            Contact: Robert Strausberg, Ph.D.
            Email: cgapbs-remail.nih.gov
            This clone is available royalty-free through LNLN; contact the
            IMAGE Consortium (infoimage.llnl.gov) for further information.
            Trace considered overall poor quality
            Insert Length: 1176 Std Error: 0.00
            Seq primer: -40m13 fwd. ET from Amersham
            High quality sequence stop: 1.
            Location/Qualifiers
                1..48
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
                /clone="IMAGE:1657432"
                /dev_stages="8-9 weeks"
                /lab_hosts="DH10B"
                /clone_lib="Soares total_fetus Nb2HP8 9w"
                /note="Vector: p7T3D-Pac (pharmacia) with a modified
                polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
                was prepared from mRNA obtained from pooled 8-9 week
                (total) fetus material with a Not I - oligo(dT) primer [5'
                TGTTACCAACTGAAGTGGAGCGCCGCTTAATTTTCTTTTCTTTT 3'].
                Double-stranded cDNA was ligated to Eco RI adaptors
                (Pharmacia), digested with Not I and cloned into the Not I
                and Eco RI sites of the modified pT7T3 vector. Library
                went through one round of normalization, and was
                constructed by Bento Soares and M. Fatima Bonaldo. "

Query Match      1.6%; Score 39; DB 1; Length 48;
Best Local Similarity 89.4%; Pred. No. 34;
Matches 42; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY  2089 TTAATTTTGGACCGAGTCTTGCTCTGTATCCAGGCTGGAGTG 2135
Db  2 TTTTCTTTTGGACCGAGTCTTGCTCTGTATCCAGGCTGGAGTG 48

RESULT 44
LOCUS      AU102524
DEFINITION  AU102524 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
COL07268, mRNA sequence.
ACCESSION  AU102524
VERSION     AU102524.1 GI:13552044
KEYWORDS   EST.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1 (bases 1 to 50)
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE       Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale

Query Match      1.6%; Score 39; DB 1; Length 48;
Best Local Similarity 89.4%; Pred. No. 34;
Matches 42; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY  2089 TTAATTTTGGACCGAGTCTTGCTCTGTATCCAGGCTGGAGTG 2135
Db  2 TTTTCTTTTGGACCGAGTCTTGCTCTGTATCCAGGCTGGAGTG 48

RESULT 44
LOCUS      AU102524
DEFINITION  AU102524 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
COL07268, mRNA sequence.
ACCESSION  AU102524
VERSION     AU102524.1 GI:13552044
KEYWORDS   EST.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1 (bases 1 to 50)
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE       Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale

```

```

mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
JOURNAL      21270072
MEDLINE      11375929
PUBMED
COMMENT      Contact: Yutaka Suzuki
            Department of Virology
            Institute of Medical Science, University of Tokyo
            4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
            Email: ysuzuki@ims.u-tokyo.ac.jp
            Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
            Sugano,S. Construction and characterization of a full
            length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
            149-156 (1997).
            Location/Qualifiers
                1..50
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
                /clone="COL07268"
                /clone_lib="Sugano Homo sapiens cDNA library"

Query Match      1.6%; Score 38.8; DB 1; Length 50;
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY  2262 TTAGTAGACACAGGGTTTCCACCGTGTAGCCAGGATGCTCTCGATCTCCT 2311
Db  1 TTAGTAGACACAGGGTTTCCACCAATGTTTCCAGGCTGGTCTCGAACTCCT 50

RESULT 45
LOCUS      AU102535
DEFINITION  AU102535 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
NLAN362NF, mRNA sequence.
ACCESSION  AU102535
VERSION     AU102535.1 GI:13552056
KEYWORDS   EST.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1 (bases 1 to 50)
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
            Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
            Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
            Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
            Diverse transcriptional initiation revealed by fine, large-scale
            mapping of mRNA start sites
            EMBO Rep. 2 (5), 388-393 (2001)
            JOURNAL      21270072
            MEDLINE      11375929
            PUBMED
            COMMENT      Contact: Yutaka Suzuki
            Department of Virology
            Institute of Medical Science, University of Tokyo
            4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
            Email: ysuzuki@ims.u-tokyo.ac.jp
            Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
            Sugano,S. Construction and characterization of a full
            length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
            149-156 (1997).
            Location/Qualifiers
                1..50
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
                /clone="NLAN362NF"
                /clone_lib="Sugano Homo sapiens cDNA library"

Query Match      1.6%; Score 38.8; DB 1; Length 50;
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY  2263 TAGTAGACACAGGGTTTCCACCGTGTAGCCAGGATGCTCTCGATCTCCTG 2312

```



```

Db      1 TACTAGACGGGGTTTTCACATATGTTGCCAGGCTGCTCGAAGCTCTG 50
|||||
RESULT 46
AUI04437
LOCUS   50 bp      mRNA      linear      EST 28-JAN-2004
DEFINITION Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
ZRV6C553, mRNA sequence.
ACCESSION AUI04437
VERSION   AUI04437.1 GI:13553958
KEYWORDS EST.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 50)
AUTHORS Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).
FEATURES
source
Location/Qualifiers
1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="ZRV6C553"
/clone_lib="Sugano Homo sapiens cDNA library"
Query Match 1.6%; Score 38.8; DB 1; Length 50;
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2264 AGTAGACACAGGGTTTCCCGTGTAGCCAGGATGCTCGATCTCTGA 2313
|||||
Db 1 AGTAGACATGGGGTTTCCCGCATGTTAGCTAGTAGTGTGCTGATCTCTGA 50
|||||

RESULT 47
B00953/c
LOCUS   51 bp      DNA      linear      GSS 13-JUL-1996
DEFINITION cSRL-122d10-u cSRL flow sorted Chromosome 11 specific cosmid Homo
sapiens genomic clone cSRL-122d10, genomic survey sequence.
ACCESSION B00953
VERSION   B00953.1 GI:1410231
KEYWORDS GSS.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 51)
AUTHORS Evans,G.A., Burbee,D., Davies,C., Hahner,L., Oliver,T., Gilbert,M.,
Jones,D., Ward,T., Gillilan,E., Schagemann,J., Probst,S.,
Harris,J., DeFord,J., McFarland,J., Burzinski,K., Khan,M.,
Kupfer,K. and Garner,H.R.
Genomic Sequence Sampled Map of Chromosome 11
JOURNAL Unpublished (1996)
COMMENT Contact: Evans GA, Shane Probst
McDermott Center for Human Growth and Development
University of Texas Southwestern Medical Center At Dallas

5323 Harry Hines Blvd, Dallas TX 75235-8591
Tel: 214-648-1600
Fax: 214-648-1666
Email: geavans@utsw.swmed.edu, shane@mcdermott.swmed.edu
Seq primer: T7
Class: cosmid ends
High quality sequence stop: 51.
FEATURES
source
Location/Qualifiers
1..51
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="CSRL-122d10"
/sex="female"
/cell_type="chimeric hamster somatic cell hybrid"
/clone_lib="cSRL flow sorted Chromosome 11 specific
cosmid"
/notes="Vector: sCos-1; Human Chromosome 11 specific cosmid
library prepared from flow sorted human Chromosome 11
derived from Chinese Hamster Ovary (CHO) monochromosomal
somatic cell hybrid, J1"
Query Match 1.6%; Score 38.8; DB 1; Length 51;
Best Local Similarity 84.3%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 2260 TTTTGTAGACAGCGGTTTCCCGTGTAGCCAGGATGCTCGATCTCC 2310
|||||
Db 51 TTTTGTAGACAGCGGTTTCCCGTGTAGCCAGGATGCTCGAAGCTCC 1
|||||

RESULT 48
AUI02381
LOCUS   50 bp      mRNA      linear      EST 28-JAN-2004
DEFINITION Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
ADSE01351, mRNA sequence.
ACCESSION AUI02381
VERSION   AUI02381.1 GI:13551901
KEYWORDS EST.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 50)
AUTHORS Hata,H., Ota,T., Isogai,T., Tanaka,T., Mizushima-Sugano,J., Sese,J.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).
FEATURES
source
Location/Qualifiers
1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="ZRV6C553"
/clone_lib="Sugano Homo sapiens cDNA library"
Query Match 1.6%; Score 38.8; DB 1; Length 50;
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2264 AGTAGACACAGGGTTTCCCGTGTAGCCAGGATGCTCGATCTCTGA 2313
|||||
Db 1 AGTAGACATGGGGTTTCCCGCATGTTAGCTAGTAGTGTGCTGATCTCTGA 50
|||||

RESULT 47
B00953
LOCUS   51 bp      DNA      linear      GSS 13-JUL-1996
DEFINITION cSRL-122d10-u cSRL flow sorted Chromosome 11 specific cosmid Homo
sapiens genomic clone cSRL-122d10, genomic survey sequence.
ACCESSION B00953
VERSION   B00953.1 GI:1410231
KEYWORDS GSS.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 51)
AUTHORS Evans,G.A., Burbee,D., Davies,C., Hahner,L., Oliver,T., Gilbert,M.,
Jones,D., Ward,T., Gillilan,E., Schagemann,J., Probst,S.,
Harris,J., DeFord,J., McFarland,J., Burzinski,K., Khan,M.,
Kupfer,K. and Garner,H.R.
Genomic Sequence Sampled Map of Chromosome 11
JOURNAL Unpublished (1996)
COMMENT Contact: Evans GA, Shane Probst
McDermott Center for Human Growth and Development
University of Texas Southwestern Medical Center At Dallas

```

QY 2333 CGCGCTCCCAAGTCTGGATTACAGGCATGAGCCACCG 2372
 |||||
 Db 1 CGCGCTCCCAAGTCTGGATTACAGGCATGAGCCACCG 40

RESULT 49

AUI05707/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

MEDLINE

PUBMED

COMMENT

CONTACT: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: yusuzuki@ims.u-tokyo.ac.jp

Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and

Sugano, S. Construction and characterization of a full

length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

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149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

149-156 (1997).

TITLE
 JOURNAL
 MEDLINE
 PUBMED
 COMMENT

and Maria, M.
 Generation and analysis of 280,000 human expressed sequence tags
 Genome Res. 6 (9), 807-828 (1996)
 97044478
 8889549

COMMENT

Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 Insert Size: 680
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Insert Length: 680 Std Error: 0.00
 Seq primer: Promega -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers

1. 43
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:3785319"
 /db_xref="taxon:9606"
 /clone="IMAGE:212478"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="Soares fetal liver spleen INFLS"
 /clone_lib="Soares fetal liver spleen INFLS"
 /notes="Organ: Liver and Spleen; Vector: pT73D (Pharmacia)
 with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
 1st strand cDNA was primed with a Pac I - oligo(dT) primer
 [5' AACTGGAAGATTAATTAAGATCTTTTTTTTTTTTTTTT 3'],
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Pac I and cloned into the Pac I
 and Eco RI sites of the modified pT73 vector. Library
 went through one round of normalization. Library
 constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.6%; Score 37.4; DB 1; Length 43;
 Best Local Similarity 90.5%; Pred. No. 37;
 Matches 38; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2331 CTGGGCTCCCAAGTCTGGATTACAGGCATGAGCCACCG 2372
 |||||
 Db 1 CTGGGCTCCCAAGTCTGGATTACAGGCATGAGCCACCG 42

RESULT 51

R70733

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

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Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

Unpublished (1995)

COMMENT

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.wustl.edu
Insert Size: 872
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert Length: 872 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 1.
Location/Qualifiers

FEATURES

source

1..37
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:551330"
/db_xref="taxon:9606"
/clone="IMAGE:142295"
/sex="Female"
/dev_stage="placenta obtained at birth (full term)"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares placenta NB2HP"
/notes="Organ: placenta; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
AATGGAAGAAATTCGGCGCCGAGGAAATTTTTTTTTTTT 3']
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified pT7T3 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M. Fatima Bonaudo."

Query Match

Best Local Similarity 100.0%; Pred. No. 35;
Matches 37; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

2330 CCTCGGCTCCCAAGTCTGGGATTACAGGCATGAG 2366
|||||
1 CCTCGGCTCCCAAGTCTGGGATTACAGGCATGAG 37

Db

RESULT 52

AG200058/c

LOCUS

DEFINITION

AG200058 Pan troglodytes DNA, clone: RP43-081N02.TU, genomic survey

sequence.

ACCESSION

AG200058

VERSION

AG200058.1

KEYWORDS

GSS.

SOURCE

Pan troglodytes (chimpanzee)

ORGANISM

Pan troglodytes

Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.

1

REFERENCE

AUTHORS

TITLE

JOURNAL

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

end was generated during the R&D process and may have higher chance

of clone tracking errors.

PRIMERS

Sequencing: TJ

LIBRARY

Vector : pBACe3.6

R.Site 1 : EcoRI

R.Site 2 : EcoRI.

Location/Qualifiers

FEATURES

source

1..43
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-081N02.TJ"
/sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match

Best Local Similarity 1.6%; Score 36.8; DB 1; Length 43;
Matches 38; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

2333 CGGCGCTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 2372
|||||

Db

43 CGGCGCTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 4

RESULT 53

AW247861

LOCUS

DEFINITION

AW247861 2820451.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820451 3',
mRNA sequence.

ACCESSION

AW247861

VERSION

AW247861.1

KEYWORDS

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

NIH-MGC <http://mgs.nci.nih.gov/>.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
Other ESTs: 2820451.5prime
Contact: Robert Strausberg, ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
Project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www.bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washington Genome Center. Vector
Trimming: cross match from University of Washington Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washington Genome Center:
<http://www.genome.washington.edu/LowQualitySequence>: 35
contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 48 contiguous distinct
peaks following vector sequence. Polyadenylation: based upon the
presence of a XhoI site followed by a run of 14 or more T residues
at the beginning of the sequence, this cDNA insert was
polyadenylated.

Plate: LICM4 row: D column: 20

High quality sequence stop: 35.

FEATURES

source

1..48
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2820451"
/issue_type="small cell carcinoma"
/cell_line="WGC3"
/lab_host="DH10B (phage-resistant)"

/clone lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site: 1: XhoI; Site 2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

Query Match 1.6%; Score 36.8; DB 1; Length 48;
Best Local Similarity 85.4%; Pred. No. 41;
Matches 41; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2090 TATTTTTTTTGGACCGAGTCTGCTCTGTACCGAGCTGGAGTGCA 2137
|||||
Db 1 TTTTTTTTTTGGACCGGAGTCTCACTCTGTCGACCGCTGGAGTGCA 48

RESULT 54
R89723
LOCUS ym99c12.r1 Soares adult brain N2b4HB55Y Homo sapiens cDNA clone EST 24-AUG-1995
DEFINITION IMAGE:167062 5' similar to gb|M87923|HUMALCE12 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:S57235 MACROSIALIN PRECURSOR (HUMAN);, mRNA sequence.

ACCESSION R89723
VERSION R89723.1 GI:954550
KEYWORDS EST.
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 (bases 1 to 40)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Travaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.
The WashU-Merck EST Project

TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 2088

High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
Insert Length: 2088 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 1.

FEATURES
source
1..40
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:587757"
/db_xref="taxon:9606"
/clone="IMAGE:167062"
/sex="Male"
/dev_stages="55-year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares adult brain N2b4HB55Y"

/note="Organ: brain; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site: 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTACCAATCTGAAGTGGAGCGCGCTTTTITTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector

(Pharmacia). Library went through one round of normalization to a Cot = 53. Library constructed by Bento Soares and M.Fatima Bonaldo. The adult brain RNA was provided by Dr. Donald H. Gilden. Tissue was acquired 17-18 hours after death which occurred in consequence of a ruptured aortic aneurysm. RNA was prepared from a pool of tissues representing the following areas of the brain: frontal, parietal, temporal and occipital cortex from the left and right hemispheres, subcortical white matter, basal ganglia, thalamus, cerebellum, midbrain, pons and medulla."

Query Match 1.5%; Score 35.8; DB 1; Length 40;
Best Local Similarity 92.5%; Pred. No. 41;
Matches 37; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2331 CTCGGCTTCCAAAGTCTGGGATTACAGGCATGAGCCAC 2370
|||||
Db 1 CTCAGCTTCCAAAGTCTGGGATTACANGCATGAGCCAC 40

RESULT 55
N71938/c
LOCUS YZ95a03.s1 Soares melanocyte 2NbHM Homo sapiens cDNA clone EST 15-MAR-1996
DEFINITION IMAGE:290764 3' similar to gb|M87923|HUMALCE12 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M57627 INTERLEUKIN-10 PRECURSOR (HUMAN);, mRNA sequence.

ACCESSION N71938
VERSION N71938.1 GI:1228650
KEYWORDS EST.
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 43)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Travaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.
The WashU-Merck EST Project

TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
Seq primer: m13 -40 forward
High quality sequence stop: 1.
Location/Qualifiers
1..43
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3883894"
/db_xref="taxon:9606"
/clone="IMAGE:290764"
/sex="Male"
/tissue_type="melanocyte"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares melanocyte 2NbHM"
/note="Vector: pT7T3D (Pharmacia) with a modified polylinker; Site: 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTACCAATCTGAAGTGGAGCGCGCTTTTITTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library constructed by Bento Soares and

FEATURES
source
1..43
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3883894"
/db_xref="taxon:9606"
/clone="IMAGE:290764"
/sex="Male"
/tissue_type="melanocyte"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares melanocyte 2NbHM"
/note="Vector: pT7T3D (Pharmacia) with a modified polylinker; Site: 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTACCAATCTGAAGTGGAGCGCGCTTTTITTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library constructed by Bento Soares and

DEFINITION zq76f09.r1 Stratagene hnt neuron (#937233) Homo sapiens cDNA clone
IMAGE:647561 5' similar to gb:X77738_rnal BAND 3 ANION TRANSPORT
PROTEIN (HUMAN); mRNA sequence.

ACCESSION AA199768
VERSION AA199768.1 GI:1795536
SOURCE EST.
ORGANISM Homo sapiens (human)

REFERENCE 1 (bases 1 to 47)
AUTHORS Hillier,L., Lennon,G., Becker,M., Bonaudo,M.F., Chiapelli,B.,
Chissoe,S., Dietrich,N., Dubucque,T., Favello,A., Gish,W.,
Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N.,
Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L.,
Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Mieg,J.,
Trevasakis,E., Underwood,K., Wohlmann,P., Waterston,R., Wilson,R.
and Marra,M.

TITLE Generation and analysis of 280,000 human expressed sequence tags
JOURNAL Genome Res. 6 (9), 807-828 (1996)
MEDLINE 97044478
PUBMED 8889549

COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -28M13 rev2 from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1..47
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:647561"
/dev_stage="hnt neurons"
/lab_host="SOLR (kanamycin resistant)"
/clone_lib="Stratagene hnt neuron (#937233)"
/note="Vector: pBluescript SK; Site_1: EcoRI; Site_2:
XhoI; Cloned unidirectionally. Primer: Oligo dt.
Differentiated, post mitotic hnt neurons. Average insert
size: 1.5 kb; Uni-ZAP XR Vector; -5' adaptor sequence: 5'
GAATTCGCGCAGAG 3' -3' adaptor sequence: 5'
CTCGAGTTTTTTTTTTTTTTT 3"

Query Match 1.5%; Score 35.6; DB 1; Length 47;
Best Local Similarity 90.5%; Pred. No. 45;
Matches 38; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTGTCTGTACCGAGCTCGAGTCGAGTCGAGTGG 2141
|||||
Db 47 GAGACAGAGTCTGTCTGTCTGTTCGCCAGCTCGAGTCGAGTGG 6
|||||

RESULT 59
LOCUS AA812181
DEFINITION oa97f05.g1 NCI CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1320225 3',
similar to gb:M91159.1!! ALU CLASS E WARNING ENTRY !!!! (HUMAN);
mRNA sequence.

ACCESSION AA812181
VERSION AA812181.1 GI:2881792
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 45)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
JOURNAL Unpublished (1997)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgaps-r@mail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman,
Ph.D., Gerald Marti, M.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaudo, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1084 Std Error: 0.00
Seq primer: -40m13 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1..45
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1320225"
/tissue_type="germinal center B cell"
/lab_host="DH10B"
/clone_lib="NCI CGAP GCB1"
/note="Vector: p773D-Pac (Pharmacia) with a modified
polylinker; Site_1: Not I; Site_2: Eco RI; 1st strand cDNA
was prepared from human tonsillar cells enriched for
germinal center B cells by flow sorting (CD20+, IgD-),
provided by Dr. Louis M. Staudt (NCI), Dr. David Allman
(NCI) and Dr. Gerald Marti (CBER). cDNA synthesis was
primed with a Not I - oligo(dT) primer
[5'-TGTTACCAATCTGAGTGGAGGGCGCTCATTTTTTTTTTTT-3'
]. Double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified p773 vector. Library
went through one round of normalization, and was
constructed by Bento Soares and M. Fatima Bonaudo."

Query Match 1.5%; Score 35.4; DB 1; Length 45;
Best Local Similarity 86.7%; Pred. No. 45;
Matches 39; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2321 ATCGGCCACCTCGGCTCCAAAGTGTGGATTACAGGCATGA 2365
|||||
Db 1 ACCTGCCACCTCAACTCCAAAGTGTGAGATTACAGGCGTGA 45
|||||

RESULT 60
LOCUS H84332
DEFINITION Y997409.r1 Soares retina N25HR Homo sapiens cDNA clone
IMAGE:222737 5' similar to gb:M87914|HUMALNE461 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M89796_rnal HIGH
AFFINITY IMMUNOGLOBULIN EPSILON RECEPTOR (HUMAN); mRNA sequence.

ACCESSION H84332
VERSION H84332.1 GI:1063003
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 42)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

TITLE The WashU-Merck EST Project

JOURNAL
COMMENT

Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 2763 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 1.

FEATURES
source

Location/Qualifiers
1. .42
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3853771"
/db_xref="taxon:9606"
/clone="IMAGE:222737"
/sex="male"
/tissue_type="retina"
/dev_stage="55 year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares retina N2b5HR"
/note="Organ: eye; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCTGAAGTGGGCGCGCGCTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). The retinas were obtained from a 55 year old
Caucasian and total cellular poly(A)+ RNA was extracted 6
hrs after their removal. The retina RNA was kindly
provided by Roderick R. McInnes M.D. Ph.D. from the
University of Toronto. Library constructed by Bento
Soares and M.Patima Bonaldo."

Query Match 1.5%; Score 35.2; DB 1; Length 42;
Best Local Similarity 88.1%; Pred. No. 44;
Matches 37; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 2320 GATCCGCCACCTCGGCTCCCAAGTGGTGGATTACAGGC 2361
Db 1 GATCTGCCACCTCGGCTCCCAAGNACTGGAATTACAGGC 42

RESULT 61
H95705/c

LOCUS
DEFINITION
H95705 H95705 41 bp mRNA linear EST 25-NOV-1996
YF95g10.r1 Soares pineal_gland_N3HFG Homo sapiens cDNA clone
IMAGE:232098 5' similar to gb[M87894]HUMALCD138 Human carcinoma
cell-derived Alu RNA transcript. (rRNA); gb:J02931 TISSUE FACTOR
PRECURSOR (HUMAN); mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
H95705.1 GI:1108847
EST.
Homo sapiens (human)

REFERENCE
AUTHORS
H95705 Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.

TITLE
JOURNAL
The WashU-Merck EST Project
Unpublished (1995)

COMMENT

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 597 Std Error: 0.00
Seq primer: M13RP1.

FEATURES
source

Location/Qualifiers
1. .41
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3862089"
/db_xref="taxon:9606"
/clone="IMAGE:232098"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares pineal_gland_N3HFG"
/note="Organ: pineal gland; Vector: pT7T3D (Pharmacia)
with a modified polylinker; Site 1: Not I; Site 2: Eco RI;
1st strand cDNA was primed with a Not I - oligo(dT) primer
[5' TGTTACCAATCTGAAGTGGGCGCGCGCTTTTTTTTTTTT
3'], double-stranded cDNA was size selected, ligated to
Eco RI adapters (Pharmacia), digested with Not I and
cloned into the Not I and Eco RI sites of a modified pT7T3
vector (Pharmacia). Library constructed by Bento Soares
and M.Patima Bonaldo."

Query Match 1.5%; Score 34.6; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 46;
Matches 37; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2095 TTTTTCAGACCGAGTCTTGCTCTGTATCCAGGCTGGAGTG 2135
Db 41 TTTTTCAGACTGAGTCTTGCTCTATTCCTCCAGGCTAGAGTG 1

RESULT 62
R61212

LOCUS
DEFINITION
R61212 R61212 43 bp mRNA linear EST 24-MAY-1995
Yh06e10.r1 Soares infant brain_1N1B Homo sapiens cDNA clone
IMAGE:42342 5' similar to gb:X54150_rnal IMMUNOGLOBULIN ALPHA FC
RECEPTOR PRECURSOR (HUMAN); mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
R61212.1 GI:831907
EST.
Homo sapiens (human)

REFERENCE
AUTHORS
R61212 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 43)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.

TITLE
JOURNAL
The WashU-Merck EST Project
Unpublished (1995)

COMMENT
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 3210
High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free
through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)

for further information. Trace considered overall poor quality
 Insert Length: 3210 Std Error: 0.00
 Seq primer: M13RP1
 High quality sequence stop: 1.
 Location/Qualifiers
 1. .44
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:414883"
 /db_xref="taxon:9606"
 /clone="IMAGE:42342"
 /sex="female"
 /dev_stage="73 days post natal"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares Infant brain INIB"
 /note="Organ: whole brain; Vector: Lfamid BA; Site 1: Not I; Site 2: Hind III; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', AACTGGAGAATTCGGCGCGCAGGAATTTTTTTTTTTT 3']; double-stranded cDNA was ligated to Hind III adaptors (Pharmacia), digested with Not I and directionally cloned into the Not I and Hind III sites of the Lfamid BA vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaudo."

FEATURES

source

Query Match 1.5%; Score 34.6; DB 1; Length 43;
 Best Local Similarity 86.0%; Pred. No. 47;
 Matches 37; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
 QY 2328 CACCTCGGCTCCCAAGTGGGATTCAGGATGAGCCAC 2370
 1 CACCTGGCTTCAAGNGCTGGGATTAGGATGAGCCAC 43
 Db

RESULT 63
 AA627434
 LOCUS
 DEFINITION nq47g07.81 NCI CGAP Co10 Homo sapiens CDNA clone IMAGE:1147068 3' similar to gb:1507077 ENOYL-CoA HYDRATASE (HUMAN); mRNA sequence.
 ACCESSION AA627434
 VERSION AA627434.1 GI:2539529
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 44)
 REFERENCE NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
 AUTHORS National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
 JOURNAL Unpublished (1997)
 COMMENT Contact: Robert Strausberg, Ph.D.
 Email: cgapbs-r@mail.nih.gov
 Tissue Procurement: Ilan Kirsch, M.D., Michael R. Emmert-Buck, M.D., Ph.D.
 cDNA Library Preparation: M. Bento Soares, Ph.D.
 DNA Library Arrayed by: Greg Lennon, Ph.D.
 Cloning Distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
 Seq primer: -40m13 fwd. ET from Amersham
 High quality sequence stop: 1.
 Location/Qualifiers
 1. .44
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:1147068"
 /tissue_type="colon tumor RER+"
 /lab_host="DH10B"

FEATURES

source

/clone_lib="NCI CGAP Co10"
 /note="Organ: Colon; Vector: pTVT3D-Pac (Pharmacia) with a modified polylinker; 1st strand cDNA was prepared from RER+ colon tumor, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pTVT3 vector. Library is normalized. Library was constructed by Bento Soares and M. Fatima Bonaudo (N-Soares4)."

Query Match 1.5%; Score 34.4; DB 1; Length 44;
 Best Local Similarity 86.4%; Pred. No. 49;
 Matches 38; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
 QY 2321 ATCCGCCACCTCGGCTCCCAAGTGGGATTCAGGCATG 2364
 1 ATCTCCCGCTCAGCCTCCCAAGTGTAGGATTACAGGTGTG 44
 Db

RESULT 64
 R07302
 LOCUS
 DEFINITION yf14f09.s1 Soares fetal liver spleen INFLS Homo sapiens CDNA clone IMAGE:126857 3' similar to gb:M92357 B94 PROTEIN (HUMAN); mRNA sequence.
 R07302 44 bp mRNA linear EST 05-APR-1995
 yf14f09.s1 Soares fetal liver spleen INFLS Homo sapiens CDNA clone IMAGE:126857 3' similar to gb:M92357 B94 PROTEIN (HUMAN); mRNA sequence.

ACCESSION R07302
 VERSION R07302.1 GI:7592225
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 44)
 REFERENCE Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevas, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.
 The WashU-Merck EST Project
 Unpublished (1995)
 CONTACT: Wilson RK
 JOURNAL Washington University School of Medicine
 COMMENT 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 Insert Size: 817

High quality sequence starts: 1 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
 Insert Length: 817 Std Error: 0.00
 Seq primer: -21m13
 High quality sequence stop: 1.
 Location/Qualifiers
 1. .44
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:479018"
 /db_xref="taxon:9606"
 /clone="IMAGE:126857"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares fetal liver spleen INFLS"
 /note="Organ: Liver and Spleen; Vector: pTVT3D (Pharmacia) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAGAATTAATTAAGATCTTTTTTTTTTTT 3']; double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pTVT3 vector. Library went through one round of normalization. Library

FEATURES

source

JOURNAL

THE WABU-MERCK EST PROJECT
Unpublished (1995)

COMMENT

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810

Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -28M13 rev2 from Amersham
High quality sequence stop: 1.

FEATURES

source

1. .39

```

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:1288644"
/db_xref="taxon:9606"
/clone="IMAGE:380387"
/sex="male"
/tissue_type="retina"
/dev_stage="55 year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares retina N2b4HR"
/notes="Organ: eye; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCTGAAGTGGAGCGCGCCCTTTTCTTTTCTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). The retinas were obtained from a 55 year old
Caucasian and total cellular poly(A)+ RNA was extracted 6
hrs after their removal. The retina RNA was kindly
provided by Roderick R. McInnes M.D. Ph.D. from the
University of Toronto. Library constructed by Bento
Soares and M.Fatima Bonaldo. "
```

Query Match 1.4%; Score 33.8; DB 1; Length 38;
Best Local Similarity 92.1%; Pred. No. 48;
Matches 35; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGTCTGTGTACCCAGGCTGGAGTGCA 2137

Db 38 GAGACAGNGTCTTGTCTGTGTGCCAGGCTGGAGTGCA 1

RESULT 69

H84235

LOCUS H84235 39 bp mRNA linear EST 13-NOV-1995
DEFINITION Y65f06.s1 Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:219683 3', similar to gb|M87910|HUMALNE34 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M35663
INTERFERON-INDUCED, DOUBLE-STRANDED RNA-ACTIVATED PROTEIN KINASE
(HUMAN); mRNA sequence.

ACCESSION H84235

VERSION H84235.1 GI:1062906

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 39)
REFERENCE Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE The WashU-Merck EST Project

JOURNAL

COMMENT

Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert length: 1611 Std Error: 0.00

Seq primer: Promega -21ml3

High quality sequence stop: 1.

FEATURES

source

1. .39

```

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3847676"
/db_xref="taxon:9606"
/clone="IMAGE:219683"
/sex="male"
/tissue_type="retina"
/dev_stage="55 year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares retina N2b4HR"
/notes="Organ: eye; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCTGAAGTGGAGCGCGCCCTTTTCTTTTCTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). The retinas were obtained from a 55 year old
Caucasian and total cellular poly(A)+ RNA was extracted 6
hrs after their removal. The retina RNA was kindly
provided by Roderick R. McInnes M.D. Ph.D. from the
University of Toronto. Library constructed by Bento
Soares and M.Fatima Bonaldo. "
```

Query Match 1.4%; Score 33.2; DB 1; Length 39;
Best Local Similarity 89.7%; Pred. No. 51;
Matches 35; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2098 TTGAGACCGAGTCTTGTCTGTGTACCCAGGCTGGAGTGC 2136

Db 1 TNGAGACAGAGTCTCGCTCTGTGTGCCAGGCTGGAGTGC 39

RESULT 69

W96297

LOCUS W96297 40 bp mRNA linear EST 16-JUL-1996
DEFINITION ze42a10.r1 Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:361626 5', similar to gb:S41458 ROD CGMP-SPECIFIC 3', 5'-CYCLIC
PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN); mRNA sequence.

ACCESSION W96297

VERSION W96297.1 GI:1426243

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 40)

REFERENCE

AUTHORS

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE The WashU-Merck EST Project

JOURNAL

COMMENT

Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality

Seq primer: mob.REGA+ET

High quality sequence stop: 1.

Location/Qualifiers

FEATURES

source

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1. .40
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:1278329"
/db_xref="taxon:9606"
/clone="IMAGE:361626"
/sex="male"
/tissue_type="retina"
/dev_stage="55 year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares retina N2b4HR"
/notes="Organ; eye; Vector: pTT3D (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', TGTTACCAATCTGAAGTGGAGCGCGCGCTTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pTT3 vector (Pharmacia). The retinas were obtained from a 55 year old Caucasian and total cellular poly(A)+ RNA was extracted 6 hrs after their removal. The retina RNA was kindly provided by Roderick R. McInnes M.D. Ph.D. from the University of Toronto. Library constructed by Bento Soares and M.Fatima Bonaudo."
```

Query Match 1.4%; Score 33.2; DB 1; Length 40;
Best Local Similarity 87.5%; Pred. No. 52;
Matches 35; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2095 TTTTGGAGCGAGTCTTGTCTGTACCCAGGCTGGAGT 2134

Db 1 TTNTNGAGTGGAGTCTTGTCTGTCTACCCAGGCTGGAGT 40

RESULT 70
H14824
LOCUS
DEFINITION
H14824 41 bp mRNA linear EST 27-JUN-1995
Ym25d07.s1 Soares infant brain INIB Homo sapiens cDNA clone
IMAGE:49126 3', similar to gb|M87934|HUMALU43 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M21121 T-CELL SPECIFIC
RANTES PROTEIN PRECURSOR (HUMAN);, mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
H14824.1 GI:879644
Homo sapiens (human)
Homo sapiens

REFERENCE
AUTHORS
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevisakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.

TITLE
JOURNAL
COMMENT
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK

Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.wustl.edu
Insert Size: 1188

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL ; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 1188 Std Error: 0.00

Seq primer: Promega -21ml3

High quality sequence stop: 1.

Location/Qualifiers

FEATURES

source

```
1. .41
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:421667"
/db_xref="taxon:9606"
/clone="IMAGE:49126"
/sex="female"
/tissue_type="retina"
/dev_stage="73 days post natal"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares infant brain INIB"
/notes="Organ; whole brain; Vector: Lafmid BA; Site 1: Not I; Site 2: Hind III; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', AACTGGAAGATTCGGCGCGCGAGTAATTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Hind III adaptors (Pharmacia), digested with Not I and directionally cloned into the Not I and Hind III sites of the Lafmid BA vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaudo."
```

Query Match 1.4%; Score 33; DB 1; Length 41;

Best Local Similarity 87.8%; Pred. No. 53;

Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2092 TTTTGTGAGCCGAGTCTTGTCTGTACCCAGGCTGGA 2132

Db 1 TTTTGTGAGTGGCTGTCTGTCTGTGTCGCCAGGCTGGA 41

RESULT 71

R07988

LOCUS

DEFINITION

R07988 43 bp mRNA linear EST 05-APR-1995
Yf16f09.s1 Soares fetal liver spleen INF1S Homo sapiens cDNA clone
IMAGE:127049 3', similar to gb|M87914|HUMALNE461 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M81695 LEUKOCYTE
ADHESION GLYCOPROTEIN P150,95 ALPHA CHAIN (HUMAN);, mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
R07988
R07988.1 GI:759911
EST.
Homo sapiens (human)
Homo sapiens

REFERENCE
AUTHORS
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevisakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.

TITLE
JOURNAL
COMMENT
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK

Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.wustl.edu
Insert Size: 418

High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free
through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 418 Std Error: 0.00
Seq primer: -21ml3

High quality sequence stop: 1.

Location/Qualifiers

FEATURES

source

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1. .43
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:421667"
/db_xref="taxon:9606"
/clone="IMAGE:49126"
/sex="female"
/tissue_type="retina"
/dev_stage="73 days post natal"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares infant brain INIB"
/notes="Organ; whole brain; Vector: Lafmid BA; Site 1: Not I; Site 2: Hind III; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', AACTGGAAGATTCGGCGCGCGAGTAATTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Hind III adaptors (Pharmacia), digested with Not I and directionally cloned into the Not I and Hind III sites of the Lafmid BA vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaudo."
```

Query Match 1.4%; Score 33; DB 1; Length 41;

Best Local Similarity 87.8%; Pred. No. 53;

Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2092 TTTTGTGAGCCGAGTCTTGTCTGTACCCAGGCTGGA 2132

Db 1 TTTTGTGAGTGGCTGTCTGTCTGTGTCGCCAGGCTGGA 41

RESULT 71

R07988

LOCUS

DEFINITION

R07988 43 bp mRNA linear EST 05-APR-1995
Yf16f09.s1 Soares fetal liver spleen INF1S Homo sapiens cDNA clone
IMAGE:127049 3', similar to gb|M87914|HUMALNE461 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M81695 LEUKOCYTE
ADHESION GLYCOPROTEIN P150,95 ALPHA CHAIN (HUMAN);, mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
R07988
R07988.1 GI:759911
EST.
Homo sapiens (human)
Homo sapiens

REFERENCE
AUTHORS
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevisakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.

TITLE
JOURNAL
COMMENT
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK

Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.wustl.edu
Insert Size: 418

High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free
through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 418 Std Error: 0.00
Seq primer: -21ml3

High quality sequence stop: 1.

Location/Qualifiers

FEATURES

source

```
1. .43
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:421667"
/db_xref="taxon:9606"
/clone="IMAGE:49126"
/sex="female"
/tissue_type="retina"
/dev_stage="73 days post natal"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares infant brain INIB"
/notes="Organ; whole brain; Vector: Lafmid BA; Site 1: Not I; Site 2: Hind III; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', AACTGGAAGATTCGGCGCGCGAGTAATTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Hind III adaptors (Pharmacia), digested with Not I and directionally cloned into the Not I and Hind III sites of the Lafmid BA vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaudo."
```

Query Match	1.4%; Score 32.8; DB 1; Length 37;	
Best Local Similarity	94.4%; Pred. No. 51;	
Matches	34; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
Qy	2337 CTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 2372	
Db	37 CTCCCAAGTCTGGGATTACAGGCATGAGCCACTG 2	
RESULT 73		
LOCUS	AA911358 39 bp mRNA linear EST 21-APR-1998	
DEFINITION	oe76d10.s1 NCI_CGAP Lu5 Homo sapiens cDNA clone IMAGE:1417555 3'	
	similar to gb:X01057.rnal INTERLEUKIN-2 RECEPTOR ALPHA CHAIN	
	PRECURSOR (HUMAN); contains element MER22 repetitive element 1, mRNA	
	sequence.	
ACCESSION	AA911358	
VERSION	AA911358.1 GI:3050722	
KEYWORDS	EST.	
SOURCE	Homo sapiens (human)	
ORGANISM	Homo sapiens	
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	
AUTHORS	Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	
TITLE	1 (bases 1 to 39)	
	NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.	
	National Cancer Institute, Cancer Genome Anatomy Project (CGAP),	
	Tumor Gene Index	
JOURNAL	Unpublished (1997)	
COMMENT	Contact: Robert Strausberg, Ph.D.	
	Email: cgaps-remail.nih.gov	
	Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.	
	Emmert-Buck, M.D., Ph.D.	
	cDNA Library Preparation: M. Bento Soares, Ph.D.	
	cDNA Library Arrayed by: Greg Lennon, Ph.D.	
	DNA Sequencing by: Washington University Genome Sequencing Center	
	Clone distribution: NCI-CGAP clone distribution information can be	
	found through the I.M.A.G.E. Consortium/LINL at:	
	www-bio.llnl.gov/bbrp/image/image.html	
	Trace considered overall poor quality	
	Insert Length: 454 Std Error: 0.00	
	Seq primer: -40m13 fwd. ET from Amersham	
	High quality sequence stop: 1.	
FEATURES	Location/Qualifiers	
source	1..39	
	/organism="Homo sapiens"	
	/mol_type="mRNA"	
	/db_xref="taxon:9606"	
	/clone="IMAGE:1417555"	
	/tissue_type="carcinoid"	
	/lab_host="DH10B"	
	/clone_lib="NCI_CGAP Lu5"	
	/notes="Organ: lung; Vector: p773D-Pac (Pharmacia) with a	
	modified polylinker; 1st strand cDNA was prepared from	
	neuroendocrine lung carcinoid, and was then primed with a	
	Not I - oligo(dT) primer. Double-stranded cDNA was ligated	
	to Eco RI adaptors (Pharmacia), digested with Not I and	
	cloned into the Not I and Eco RI sites of the modified	
	p773 vector. Library is normalized. Library was	
	constructed by Bento Soares and M. Fatima Bonaldo."	
Query Match	1.4%; Score 32.8; DB 1; Length 39;	
Best Local Similarity	94.4%; Pred. No. 53;	
Matches	34; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
Qy	2106 GAGTCTTGCTCTGTATACCCAGGCTGGAGTGCAGTGG 2141	
Db	4 GAGTCTTGCTCTGTATACCCAGGCTGTAGTGCAGTGG 39	
RESULT 74		
LOCUS	N77004 34 bp mRNA linear EST 28-JAN-1997	

JOURNAL COMMENT

Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman, Ph.D., Gerald Marti, M.D.
cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
Insert Length: 3122 Std Error: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1. 41
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1308563"
/tissue_type="germinal center B cell"
/lab_host="DH10B"
/clone_lib="NCI CGAP GCBI"
/note="Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was prepared from human tonsillar cells enriched for germinal center B cells by flow sorting (CD20+, IgD-), provided by Dr. Louis M. Staudt (NCI), Dr. David Allman (NCI) and Dr. Gerald Marti (CBER). cDNA synthesis was primed with a Not I - oligo(dT) primer
[5'-TGTTACAACTGAGTGGAGCGCGCTCATTTTTTTTTTTT-3'
1. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization, and was constructed by Bento Soares and M. Fatima Bonaldo."

FEATURES

source

FEATURES

source

Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 1477
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1477 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
1. 41
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:375432"
/db_xref="taxon:9606"
/clone="IMAGE:206301"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5'-ACTGAGAGATTAATTAAGATCTTTTTTTTTTTTTTTT-3',
Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 1.4%; Score 32.2; DB 1; Length 41;
Best Local Similarity 87.2%; Pred. No. 57;
Matches 34; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2330 CTCGGCCTCCCAAGTCTGGGATTACAGGCATGAGCC 2368
|||||
Db 3 CCTCANCCTCCCAAGNGCAGGGATTACAGACATGAGCC 41

RESULT 78

AA019796/c
LOCUS
DEFINITION

AA019796 41 bp mRNA linear EST 06-AUG-1996
ze62h02.r1 Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:363603 5' similar to gb:S41458 ROD GCMP-SPECIFIC 3', 5'-CYCLIC
PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN);, mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

AA019796.1 GI:1483124
EST.
Homo sapiens (human)
Homo sapiens

REFERENCE
AUTHORS

1 (bases 1 to 41)
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE
JOURNAL
COMMENT

The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -29M13 rev2 from Amersham

Query Match 1.4%; Score 32.2; DB 1; Length 41;
Best Local Similarity 91.9%; Pred. No. 57;
Matches 34; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2331 CTCGGCCTCCCAAGTCTGGGATTACAGGCATGAGC 2367
|||||
Db 1 CTCAGCCTCCCAAAATGCTGGGATTACAGGCATGAGC 37

RESULT 77

H58423

LOCUS

DEFINITION

H58423 41 bp mRNA linear EST 05-OCT-1995
Yr25b11.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:206301 3' similar to gb:X52075_rna3 LEUKOSIALIN PRECURSOR
(HUMAN);, mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

H58423.1 GI:1011255
EST.
Homo sapiens (human)
Homo sapiens

REFERENCE
AUTHORS

1 (bases 1 to 41)
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE
JOURNAL
COMMENT

The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800

High quality sequence stop: 1.
Location/Qualifiers
source
1. .41
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:466666"
/db_xref="taxon:9606"
/clone="IMAGE:111049"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site:1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5', AACGGAAGAATAAATAAGATCTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.3%; Score 31.8; DB 1; Length 41;
Best Local Similarity 89.2%; Pred. NO. 59;
Matches 33; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2335 GCCTCCCAAGTCTGGGATTACAGGCATGAGCCACC 2371
|||||
Db 1 GCCTNCCAAGTCTGGGNTTACAGGTGTGAGCCACC 37
|||||

RESULT 80
AA868654
LOCUS
DEFINITION
ak49f09.s1 Soares testis NHT Homo sapiens cDNA clone IMAGE:1409321
3' similar to gb:M92424 MDM2 PROTEIN (HUMAN);, mRNA sequence.

ACCESSION
AA868654
VERSION
AA868654.1 GI:2964099
KEYWORDS
EST.
SOURCE
Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 42)
NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
CONTACT: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1025 Std Error: 0.00
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High quality sequence stop: 1.
Location/Qualifiers
source
1. .42
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/db_xref="taxon:9606"
/clone="IMAGE:1409321"
/sex="male"
/lab_host="DH10B"
/clone_lib="Soares testis_NHT"
/note="Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was prepared from mRNA obtained from Clontech Laboratories, Inc., and primed with a Not I - oligo(dT)

FEATURES
source
High quality sequence stop: 1.
Location/Qualifiers
1. .41
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:1280306"
/db_xref="taxon:9606"
/clone="IMAGE:363603"
/sex="male"
/tissue_type="retina"
/dev_stage="55 Year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares retina N2b4HR"
/note="Organ: eye; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', TGTACCAATCTGAAGTGGAGCGCCGCTTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). The retinas were obtained from a 55 year old Caucasian and total cellular poly(A)+ RNA was extracted 6 hrs after their removal. The retina RNA was kindly provided by Roderick R. McInnes M.D. Ph.D. from the University of Toronto. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.3%; Score 32; DB 1; Length 41;
Best Local Similarity 85.4%; Pred. NO. 58;
Matches 35; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 2089 TTATTTTTTGGACCGAGTCTGTCTGTACCCAGGCT 2129
|||||
Db 41 TTTTGTGTTGGATGGAGTCTGTCTGTACCCAGGCT 1
|||||

RESULT 79
T81581
LOCUS
DEFINITION
Yd44b01.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:111049 3' similar to gb:M87943[HUMAU0496 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M81890_rnal INTERLEUKIN-11 PRECURSOR (HUMAN)];, mRNA sequence.

ACCESSION
T81581
VERSION
T81581.1 GI:704588
KEYWORDS
EST.
SOURCE
Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 41)
Hillier, L., Clark, N., Dubucq, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevisan, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.
The WashU-Merck EST Project
Unpublished (1995)
CONTACT: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 974
High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
Insert length: 974 Std Error: 0.00
Seq primer: T3
High quality sequence stop: 1.
Location/Qualifiers
FEATURES
source
High quality sequence stop: 1.
Location/Qualifiers

primer [5']
 TGTACCAATCTGAAGTGGAGCGCGCCCAATTTTTTTTTTTT 3']
 Double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Not I and cloned into the Not I
 and Eco RI sites of the modified pT773 vector. Library
 went through one round of normalization to Cot5, and was
 constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 1.3%; Score 31.8; DB 1; Length 42;
 Best Local Similarity 94.3%; Pred. No. 60;
 Matches 33; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2337 CTCCTCAAGTCTGGGATTACAGCATGACCC 2371

Db 8 CTCCTCAAGTCTGGGATTACAGCATGACCC 42

RESULT 81
 LOCUS
 DEFINITION
 Ym5e02.s1 Soares infant brain INIB Homo sapiens cDNA clone
 IMAGE:48814 3' similar to gb|M87914|HUMALNE461 Human carcinoma
 cell-derived Alu RNA transcript, (rRNA); gb:D10202 PLATELET
 ACTIVATING FACTOR RECEPTOR (HUMAN); mRNA sequence.

ACCESSION
 VERSION
 KEYWORDS
 SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 1827

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 1827 Std Error: 0.00

Seq primer: Promega -21m13

High quality sequence stop: 1.

Location/Qualifiers

1. .34

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:421355"

/db_xref="taxon:9606"

/clone="IMAGE:48814"

/sex="female"

/dev_stage="73 days post natal"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares infant brain INIB"

/note="Organ: whole brain; Vector: Lafmid BA; Site 1: Not

I; Site 2: Hind III; 1st strand cDNA was primed with a Not

I - oligo(dT) primer [5']

AACGCGAAGATTCGCGCCGACGAGATTTTTTTTTTTT 3'];

double-stranded cDNA was ligated to Hind III adaptors

(Pharmacia), digested with Not I and directionally cloned

into the Not I and Hind III sites of the Lafmid BA vector.

Library went through one round of normalization. Library
 constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 1.3%; Score 31.4; DB 1; Length 34;
 Best Local Similarity 94.1%; Pred. No. 56;
 Matches 33; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCACCTCGGCTCCCAAGTCTGGGATTACAG 2359

Db 1 CCACCTCGGCTCCCAAGTCTGGGATTACAG 34

RESULT 82

LOCUS

DEFINITION

Yq26g04.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone

IMAGE:275118 3' similar to gb|M87908|HUMALNE32 Human carcinoma

cell-derived Alu RNA transcript, (rRNA); gb:M57627 INTERLEUKIN-10

PRECURSOR (HUMAN); mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 882

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 882 Std Error: 0.00

Seq primer: Promega -21m13

High quality sequence stop: 1.

Location/Qualifiers

1. .36

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3798804"

/db_xref="taxon:9606"

/clone="IMAGE:275118"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/note="Organ: Liver and Spleen; Vector: pT773D (Pharmacia)

with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;

1st strand cDNA was primed with a Pac I - oligo(dT) primer

[5' AACTGGAAGAATTAATTAAGATCTTTTTTTTTTTT 3'];

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified pT773 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 1.3%; Score 31.2; DB 1; Length 36;

Best Local Similarity 91.7%; Pred. No. 58;

Matches 33; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2103 ACCGAGTCTGCTCTGTTACCCAGCGTGGAGTGCAG 2138

Db 1 ACAGAGTCTGCTCTGTCACCCAGCGTGGATGCAG 36

RESULT 83

H99413/c

LOCUS

DEFINITION Yx24f02.s1 Soares melanocyte 2NBHM Homo sapiens cDNA clone IMAGE:262683 3' similar to gb:J02931 TISSUE FACTOR PRECURSOR (HUMAN); mRNA sequence.

ACCESSION

VERSION H99413.1 GI:1124081

KEYWORDS

SOURCE EST.

ORGANISM

Homo sapiens (human)

REFERENCE

AUTHORS

1 (bases 1 to 40)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.

TITLE

The WashU-Merck EST Project

JOURNAL

COMMENT

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert length: 679 Std Error: 0.00

Seq primer: ml3 -40 forward

High quality sequence stop: 1.

Location/Qualifiers

1. .40

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3872325"

/db_xref="taxon:9606"

/clone="IMAGE:262683"

/sex="Male"

/tissue_type="melanocyte"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares melanocyte 2NBHM"

/notes="Vector: pT7T3D (Pharmacia) with a modified

polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA

was primed with a Not I - oligo(dT) primer [5',

TGTTACCAATCTGAGTGGAGCGGCGGCTTTTTTTTTTTT 3'],

double-stranded cDNA was size selected, ligated to Eco RI

adapters (Pharmacia), digested with Not I and cloned into

the Not I and Eco RI sites of a modified pT7T3 vector

(Pharmacia). Library constructed by Bento Soares and

M. Fatima Bonaldo. RNA from normal foreskin melanocytes

(FS374) was kindly provided by Dr. Anthony P. Albino."

Query Match 1.3%; Score 31; DB 1; Length 40;

Best Local Similarity 85.0%; Pred. No. 63;

Matches 34; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

RESULT 84

H45829/c

LOCUS

DEFINITION

38 bp mRNA linear EST 31-JUL-1995
Y081b05.s1 Soares adult brain N2b4HB55f Homo sapiens cDNA clone
IMAGE:184305 3' similar to gb|U87921|HUMALCD120 Human carcinoma
cell-derived Alu RNA transcript. (tRNA); gb:X54150.rnal
IMMUNOGLOBULIN ALPHA FC RECEPTOR PRECURSOR (HUMAN); mRNA sequence.

ACCESSION

VERSION H45829.1 GI:921881

KEYWORDS

SOURCE EST.

ORGANISM

Homo sapiens (human)

Mammalia; Eutheria; Chordata; Craniata; Vertebrata; Euteleostomi;

1 (bases 1 to 38)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,

Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,

Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and

Wilson, R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 1312

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert length: 1312 Std Error: 0.00

Seq primer: SP6

High quality sequence stop: 1.

Location/Qualifiers

1. .38

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3828657"

/db_xref="taxon:9606"

/clone="IMAGE:184305"

/sex="Male"

/dev_stage="55-year old"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares adult brain N2b4HB55f"

/notes="Organ: brain; Vector: pT7T3D (Pharmacia) with a

modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st

strand cDNA was primed with a Not I - oligo(dT) primer [5',

TGTTACCAATCTGAGTGGAGCGGCGGCTTTTTTTTTTTT 3'],

double-stranded cDNA was size selected, ligated to Eco RI

adapters (Pharmacia), digested with Not I and cloned into

the Not I and Eco RI sites of a modified pT7T3 vector

(Pharmacia). Library constructed by Bento Soares and

M. Fatima Bonaldo. RNA was prepared from a pool of

tissues representing the following areas of the brain:

frontal, parietal, temporal and occipital cortex from the

left and right hemispheres, subcortical white matter,

basal ganglia, thalamus, cerebellum, midbrain, pons and

medulla."

Query Match 1.3%; Score 30.6; DB 1; Length 38;

Best Local Similarity 86.8%; Pred. No. 63;

Matches 33; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

T89869.1 GI:718382
 EST. Homo sapiens (human)
 SOURCE
 ORGANISM
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 34)
 REFERENCE
 AUTHORS
 Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
 Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
 Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
 Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and
 Wilson, R.
 TITLE
 JOURNAL
 COMMENT
 The WashU-Merck EST Project
 Unpublished (1995)
 Contact: Wilton RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@wustl.wustl.edu
 Insert Size: 1192
 High quality sequence starts: 1 High quality sequence stops: 1
 Source: IMAGE Consortium, LNL This clone is available royalty-free
 through LNL; contact the IMAGE Consortium (info@image.llnl.gov)
 for further information. Trace considered overall poor quality
 Insert Length: 1192 Std Error: 0.00
 Seq primer: -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers
 1..34
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:472015"
 /db_xref="taxon:9606"
 /clone="IMAGE:116398"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="PH10B (ampicillin resistant)"
 /clone_lib="Soares fetal liver spleen INFLS"
 /notes="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)
 with a modified polylinker; Site: 1: Pac 1; Site 2: Eco RI;
 1st strand cDNA was primed with a Pac I - oligo(dT) primer
 [5' - AACTCGAGAGTAATTAAGATCTTTTTTTTTTTTTTTT 3'],
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Pac I and cloned into the Pac I
 and Eco RI sites of the modified pT7T3 vector. Library
 went through one round of normalization. Library
 constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.3%; Score 30.4; DB 1; Length 34;
 Best Local Similarity 96.9%; Pred. No. 61;
 Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTTACCCAGGTGAGTGCAGTGG 2141
 |||||
 Db 1 CTTGCTCTGTCACCCAGGTGAGTGCAGTGG 32

RESULT 88
 LOCUS
 DEFINITION
 A1801185
 35 bp mRNA linear EST 14-DEC-1999
 to79h04.x1 NCI CGAP Gas4 Homo sapiens cDNA clone IMAGE:2184535 3'
 similar to gb|U87921|HUMALCD120 Human carcinoma cell-derived Alu
 RNA transcript, (cRNA); contains element TAR1 repetitive element ;
 mRNA sequence.

ACCSSSTON
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 35)
 REFERENCE
 AUTHORS
 Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
 Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
 Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
 Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and
 Wilson, R.
 TITLE
 JOURNAL
 COMMENT
 The WashU-Merck EST Project
 Unpublished (1995)
 Contact: Wilton RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@wustl.wustl.edu
 Insert Size: 1243
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LNL
 This clone is available royalty-free through LNL; contact the

NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
 National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 Unpublished (1997)
 Contact: Robert Strausberg, Ph.D.
 Email: cgapbs-remail.nih.gov
 Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
 Emmert-Buck, M.D., Ph.D.
 cDNA Library Preparation: Life Technologies, Inc.
 cDNA Library Arrayed by: Greg Lennon, Ph.D.
 DNA Sequencing by: Washington University Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be
 found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
 Insert Length: 1690 Std Error: 0.00
 Seq primer: -40UP from Gibco
 High quality sequence stop: 1.
 Location/Qualifiers
 1..35
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:2184535"
 /tissue_type="poorly differentiated adenocarcinoma with
 signet ring cell features"
 /lab_host="DHI0B"
 /clone_lib="NCI CGAP Gas4"
 /note="Organ: stomach; Vector: pCMV-SPORT6; Site 1: SalI;
 Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
 Average insert size 1.69 kb. Life Technologies catalog #: 11549-011"

Query Match 1.3%; Score 30.2; DB 1; Length 35;
 Best Local Similarity 91.4%; Pred. No. 63;
 Matches 32; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGACCGAGTCTTCTGTGTACCAGGCTG 2130
 |||||
 Db 1 TTTTGACCGAGTCTGCTCTGTCAACCAGGCTG 35

RESULT 89
 LOCUS
 DEFINITION
 H43763
 40 bp mRNA linear EST 31-JUL-1995
 YP21h05.r1 Soares breast 3NbHst Homo sapiens cDNA clone
 IMAGE:188121 5' similar to gb:M35531 GALACTOSIDE
 2-L-FUCOSYLTRANSFERASE (HUMAN);, mRNA sequence.

ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 40)
 REFERENCE
 AUTHORS
 Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
 Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
 Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
 Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and
 Wilson, R.
 TITLE
 JOURNAL
 COMMENT
 The WashU-Merck EST Project
 Unpublished (1995)
 Contact: Wilton RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@wustl.wustl.edu
 Insert Size: 1243
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LNL
 This clone is available royalty-free through LNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1243 Std Error: 0.00
Seq Primer: M13R21
High quality sequence stop: 1.
Location/Qualifiers

FEATURES

source
1. 40
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3819018"
/db_xref="taxon:9606"
/clone="IMAGE:188121"
/sex="Female"
/dev_stage="adult"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares Breast 3NBHst"
/notes="Organ: breast; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGAGCGCGCCCTTTTCTTTTCTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library went through one round of normalization to a Cot = 20. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.3%; Score 30.2; DB 1; Length 40;
Best Local Similarity 82.1%; Pred. No. 67;
Matches 32; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTCTGTTACCCAGCGTGGAGTGCAG 2138
|||||
Db 2 GAGACAGGACTNNCTCTGTTGCCCGCTGNAGTGCAG 40
|||||

RESULT 90

AI088003
LOCUS
DEFINITION
o024h05.x1 Soares NSF_F8_9W_OT_PA_P_S1 Homo sapiens CDNA clone
IMAGE:1567161 3' Similar to gb:S41458 ROD CGMP-SPECIFIC
3', 5'-CYCLIC PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN);, mRNA
sequence.
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 38)
NCI-CCAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov

This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 826 Std Error: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers

FEATURES

source
1. 38
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1567161"
/lab_host="DH10B"
/clone_lib="Soares NSF_F8_9W_OT_PA_P_S1"
/notes="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI;

Equal amounts of plasmid DNA from five normalized
libraries were mixed, and ss circles were made in vitro.
Following HAP purification, this DNA was used as tracer in
a subtractive hybridization reaction. The driver was
PCR-amplified cDNAs from pools of 5,000 clones made from
the same 5 libraries. The pools consisted of the following
libraries and clones: Soares NBHSF pool 1:
309384-310919, 323208-325895 Soares NB2HP pool 1:
145032-147335, 147220-148103, 148872-149255, 15002 -
150407, 151176-152327 Soares NB2HF8-9W pool 1:
758280-760583, 772104-774407 Soares NBHPA pool 1:
304776-306311, 320136-322823, 326280-326663 Soares NBHOT
pool 1: 723720-726407, 739080-740999 Subtraction by Bento
Soares and M. Fatima Bonaldo."

Query Match 1.3%; Score 30; DB 1; Length 38;
Best Local Similarity 86.8%; Pred. No. 67;
Matches 33; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2099 TGAGACCGAGTCTGCTGTCTGTACCCAGCGTGGAGTGC 2136
|||||
Db 1 TTAATGGAGTCTGCTGTCTGTACCCAGCGTGGAGTGC 38
|||||

RESULT 91

AG201498/c
LOCUS
DEFINITION
AG201498 33 bp DNA linear GSS 06-MAR-2004
Pan troglodytes DNA, clone: RP43-084A23.TJ, genomic survey
sequence.
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Pan troglodytes (chimpanzee)
Pan troglodytes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.

REFERENCE
AUTHORS
TITLE
JOURNAL
REFERENCE
AUTHORS
TITLE
JOURNAL
Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
BAC end sequences of Library RP-43
Unpublished
2 (bases 1 to 33)
Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission

Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC);
52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/,
Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.

Sequencing: TJ

LIBRARY

Vector : pBACe3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI.
Location/Qualifiers
1. 33
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-084A23.TJ"
/sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 1.3%; Score 29.8; DB 1; Length 33;
Best Local Similarity 93.9%; Pred. No. 63;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAAGTCTGGATTACAG 2359

```

Db      2  TAGTAGACGCGGGTTTCACGTGGTGAGCCAGGATG 37

RESULT 94
LOCUS   N34814
DEFINITION
yy44c12.s1 Soares multiple sclerosis 2NBHMSF Homo sapiens cDNA
clone IMAGE:276406 3', similar to gb|U87923|HUMALCE12 Human
carcinoma cell-derived Alu RNA transcript, (cRNA); gb:M57627
INTERLEUKIN-10 PRECURSOR (HUMAN);, mRNA sequence.
ACCESSION
VERSION N34814
KEYWORDS N34814.1 GI:1155956
SOURCE   EST.
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevisan,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.
TITLE    The WashU-Merck EST Project
JOURNAL  Unpublished (1995)
COMMENT  Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: m13 -40 forward
High quality sequence stop: 1.
Location/Qualifiers
1. .38
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3894660"
/db_xref="taxon:9606"
/clone="IMAGE:276406"
/sex="male"
/tissue_type="multiple sclerosis lesions"
/dev_stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares multiple sclerosis 2NBHMSF"
/notes="Vector: pT7T3D (Pharmacia) with a modified
polylinker V.TYPE: phagemid; Site 1: Not I; Site 2: Eco
RI; 1st strand cDNA was primed with a Not I - oligo(dT)
primer [5',
TGTATCAATCTGAAGTGGAGCGCGGCGCATTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). Library went through one round of
normalization to a Cot = 5. Library constructed by Bento
Soares and M.Fatima Bonaldo. RNA from 4 multiple sclerosis
lesions from one patient was kindly provided by Dr. Kevin
G. Becker (NINDS/NIH). "
```

```

Query Match      1.2%; Score 29.6; DB 1; Length 38;
Best Local Similarity 88.9%; Pred. No. 69;
Matches 32; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2330 CCTGGGCTCCCAAGTCTGGGATTACAGGCATGA 2365
|||||
Db      3  CCTCAGCCTCCCAAGTCTCTGGGATTACAGCGTGA 38
|||||

RESULT 96
LOCUS   B112512
DEFINITION
602900452F1 NCI_CGAP_Mam5 Mus musculus cDNA clone IMAGE:5030076 5',
mRNA sequence.
ACCESSION B112512
```

```

RESULT 95
LOCUS   AA810775
DEFINITION
ca82805.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1318784 3',
similar to gb|J04809_rnal ADENYLATE KINASE ISOENZYME 1 (HUMAN);,
mRNA sequence.
ACCESSION AA810775
VERSION AA810775.1 GI:2880386
KEYWORDS EST.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS NCI_CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
TITLE    National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
JOURNAL  Unpublished (1997)
COMMENT  Contact: Robert Strausberg, Ph.D.
Email: cgapsb@mail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman,
Ph.D., Gerald Marti, M.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldo, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1139 Std Error: 0.00
Seq primer: -40m13 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1. .36
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1318784"
/tissue_type="germinal center B cell"
/lab_host="DH10B"
/clone_lib="NCI_CGAP_GCB1"
/notes="Vector: pT7T3D-Pac (Pharmacia) with a modified
polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
was prepared from human tonsillar cells enriched for
germinal center B cells by flow sorting (CD20+, IgD-),
provided by Dr. Louis M. Staudt (NCI), Dr. David Allman
(NCI) and Dr. Gerald Marti (CBER). cDNA synthesis was
primed with a Not I - oligo(dT) primer
[5'-TGTTACCAATCTGAAGTGGAGCGCGGCGCATTTTTTTTTTTT-3'
]. Double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified pT7T3 vector. Library
went through one round of normalization, and was
constructed by Bento Soares and M. Fatima Bonaldo."
```

```

Query Match      1.2%; Score 29.2; DB 1; Length 36;
Best Local Similarity 91.2%; Pred. No. 70;
Matches 31; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2086 TTATTATTTTTTTGAGACCGAGTCTTGCTCTGT 2119
|||||
Db      2  TTTTATTTTTTTTGAGACCGAGTCTTGCTCTGT 35
|||||

RESULT 96
LOCUS   B112512
DEFINITION
602900452F1 NCI_CGAP_Mam5 Mus musculus cDNA clone IMAGE:5030076 5',
mRNA sequence.
ACCESSION B112512
```

```

VERSION      B1112512.1 GI:14563413
KEYWORDS     Mus musculus (house mouse)
SOURCE       Mus musculus
ORGANISM     Mus musculus

REFERENCE    Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
TITLE        1 (bases 1 to 38)
JOURNAL      NIH-MGC http://mgc.nci.nih.gov/.
COMMENT      National Institutes of Health, Mammalian Gene Collection (MGC)
              Unpublished (1999)
              Contact: Robert Strausberg, Ph.D.
              Email: csapbs@email.nih.gov
              Tissue Procurement: Lothar Hennighausen Ph.D., Robin Humphreys
              cDNA Library Preparation: Life Technologies, Inc.
              cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
              DNA Sequencing by: Incyte Genomics, Inc.
              Clone distribution: MGC clone distribution information can be
              found through the I.M.A.G.E. Consortium/LLNL at:
              http://image.llnl.gov
              Plate: L1AM11084 row: h column: 13
              High quality sequence start: 3
              High quality sequence stop: 36.
              Location/Qualifiers
FEATURES     source
             1..38
                /organism="Mus musculus"
                /mol_type="mRNA"
                /strain="mix FVB/N, C57BL/6J"
                /db_xref="taxon:10090"
                /clone="IMAGE:5030076"
                /tissue_type="tumor, gross tissue"
                /dev_stage="7 months"
                /lab_host="DH10B"
                /clone_lib="NCI CGAP Mam5"
                /notes="Organ: mammary; Vector: pCMV-SPORT6; Site 1: Salt;
              Site 2: NotI; Cloned unidirectionally. Primer: Oligo dt.
              Library constructed by Life Technologies. Investigators
              providing samples: Lothar Hennighausen/Robin Humphreys,
              NIH"

Query Match      1.2%; Score 29; DB 1; Length 38;
Best Local Similarity 86.5%; Pred. No. 73;
Matches 32; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTGTGGGATTACAGGATGAGCCACCG 2372
      ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CCTCCCAAGTGTGGGATTACAGGATGAGCCACCG 37

RESULT 97
H56911
LOCUS
DEFINITION
Yr07d07 al Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:204589 3' similar to gb|M87911|HUMALNES7 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M15530 B-CELL GROWTH
FACTOR PRECURSOR (HUMAN); mRNA sequence.
H56911
VERSION
H56911.1 GI:1009743
EST.
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 37)
AUTHORS
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevisakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.
TITLE
The WashU-Merck EST Project
JOURNAL
Unpublished (1995)
COMMENT
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

H56911
LOCUS
DEFINITION
Yr07d07 al Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:204589 3' similar to gb|M87911|HUMALNES7 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M15530 B-CELL GROWTH
FACTOR PRECURSOR (HUMAN); mRNA sequence.
H56911
VERSION
H56911.1 GI:1009743
EST.
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 37)
AUTHORS
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevisakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.
TITLE
The WashU-Merck EST Project
JOURNAL
Unpublished (1995)
COMMENT
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

```

```

Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.wustl.edu
Insert Size: 843
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert length: 843 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
FEATURES     source
             1..37
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="GDB:3773720"
                /db_xref="taxon:9606"
                /clone="IMAGE:204589"
                /sex="male"
                /dev_stage="20 week-post conception fetus"
                /lab_host="DH10B (ampicillin resistant)"
                /clone_lib="Soares fetal liver spleen INFLS"
                /note="Organ: Liver and Spleen; Vector: p77T3D (Pharmacia)
              with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
              1st strand cDNA was primed with a Pac I - oligo(dt) primer
              [5' AACTGGAGATTAATTAAGATCTTTTCTTTTCTTTT 3'],
              double-stranded cDNA was ligated to Eco RI adaptors
              (Pharmacia), digested with Pac I and cloned into the Pac I
              and Eco RI sites of the modified p77T3 vector. Library
              went through one round of normalization. Library
              constructed by Bento Soares and M. Patina Bonaudo."

Query Match      1.2%; Score 28.6; DB 1; Length 37;
Best Local Similarity 83.8%; Pred. No. 75;
Matches 31; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGAGGTTTCACCGTGTAGCAGGATG 2298
      ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 TTAGTAGACAGAGGTTTCACCGTGTAGCAGGATG 37

RESULT 98
H80471
LOCUS
DEFINITION
zaf6a10.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:292698 5' similar to gb|M87941|HUMALU20 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M15990 PROTO-ONCOGENE
TYROSINE-PROTEIN KINASE YES (HUMAN); mRNA sequence.
H80471
VERSION
H80471.1 GI:1243172
EST.
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 33)
AUTHORS
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevisakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.
TITLE
The WashU-Merck EST Project
JOURNAL
Unpublished (1995)
COMMENT
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.

```

Trace considered overall poor quality

Seq primer: reverse ET
High quality sequence stop: 1.

FEATURES

Location/Qualifiers
1. .33
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3800475"
/db_xref="taxon:9606"
/clone="IMAGE:292698"
/sex="male"

/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: liver and Spleen; Vector: pTV73D (Pharmacia) with a modified polylinker; Site: 1; Pac I; Site 2; Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5', AACTGGAAGAATTAATAAGATCTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pTV73 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.2%; Score 28.4; DB 1; Length 33;

Best Local Similarity 87.9%; Pred. No. 72;
Matches 29; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2295 GATGCTTCGATCTCTCGACCTCGTGATCCGCC 2327

Db 1 GATGNTCTCGATCTCTCGANCTGTGATCTGCC 33

RESULT 99

T66163/c

LOCUS

DEFINITION Yc77e05.s1 Soares infant brain INIB Homo sapiens cDNA clone IMAGE:21856 3' similar to gb|M87912|HUMALNE562 Human carcinoma cell-derived Alu RNA transcript, (rRNA);, mRNA sequence.

ACCESSION T66163

VERSION T66163.1 GI:675208

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 34)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,

Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,

Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and

Wilson, R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 2529

High quality sequence starts: 1 High quality sequence stops: 1

Source: IMAGE Consortium, LLNL This clone is available royalty-free

through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)

for further information. Trace considered overall poor quality

Insert Length: 2529 Std Error: 0.00

Seq primer: -21ml3

High quality sequence stop: 1.

Location/Qualifiers

1. .34

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:394203"

FEATURES

source

/db_xref="taxon:9606"

/clone="IMAGE:21856"

/sex="female"

/dev_stage="73 days post natal"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares infant brain INIB"

/note="Organ: whole brain; Vector: Lfamid BA; Site_1: Not

I; Site_2: Hind III; 1st strand cDNA was primed with a Not

I - oligo(dT) primer [5'

AACTGGAAGAATTCGCGCGCAGGAATTTTTTTTTTTT 3'];

double-stranded cDNA was ligated to Hind III adaptors

(Pharmacia), digested with Not I and directionally cloned

into the Not I and Hind III sites of the Lfamid BA vector.

Library went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.2%; Score 28.2; DB 1; Length 34;

Best Local Similarity 88.2%; Pred. No. 74;

Matches 30; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2326 CCACCTCGGCCTCCCAAACTGCTGGGATTACAG 2359

Db 34 CCACCTCGGCCTCCCAAACTGCTGGGATTACAG 1

RESULT 100

R92576/c

LOCUS

DEFINITION YQ07a07.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone

IMAGE:196212 3' similar to gb:X77738_rnal BAND 3 ANION TRANSPORT

PROTEIN (HUMAN);, mRNA sequence.

ACCESSION R92576

VERSION R92576.1 GI:960116

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 36)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,

Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,

Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and

Wilson, R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 839

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 839 Std Error: 0.00

Seq primer: Promega -21ml3

High quality sequence stop: 1.

Location/Qualifiers

1. .36

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3765262"

/db_xref="taxon:9606"

/clone="IMAGE:196212"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"


```

KEYWORDS  EST.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1 (bases 1 to 35)
AUTHORS     Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.,
            Chisoso,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W.,
            Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N.,
            Madis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L.,
            Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Mieg,J.,
            Trevaskis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R.,
            and Marra,M.

TITLE      Generation and analysis of 280,000 human expressed sequence tags
JOURNAL    Genome Res. 6 (9), 807-828 (1996)
MEDLINE    97044478
COMMENT    Other ESTs: ya82h06.s1
            Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 21
            High quality sequence stops: 14
            Source: IMAGE Consortium, LLNL This
            clone is available royalty-free through LLNL; contact the IMAGE
            Consortium (info@image.llnl.gov) for further information.
            Seq primer: M13RPI
            High quality sequence stop: 14.

FEATURES   Location/Qualifiers
            source
            1..35
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="GDB:504476"
            /db_xref="taxon:9606"
            /clone="IMAGE:68219"
            /sex="female"
            /dev_stage="49 year old"
            /lab_host="SOLR cells (kanamycin resistant)"
            /clone_lib="Stratagene ovary (#937217)"
            /note="Organ: ovary; Vector: Bluescript SK; Site 1: EcoRI;
            Site 2: XhoI; Cloned unidirectionally. Primer: Oligo dt.
            Total ovary tissue, normal, caucasian. Average insert
            size: 0.8 kb; Uni-ZAP XR Vector; ~3' adaptor sequence: 5'
            GAATTCGCGACGAG 3' ~3' adaptor sequence: 5'
            CTCGAGTTTTTTTTTTTTTTT 3'"

Query Match      1.1%; Score 27.2; DB 1; Length 35;
Best Local Similarity 87.9%; Pred. No. 82;
Matches 29; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY  2193 CTGCCTCAGCTCCCAATTAGCTTGGCTACAG 2225
      |||||
Db   1 CTGCTCAGCTCCCAAGTACTGAGNCTACAG 33

RESULT 104
R84946/c
LOCUS      R84946
DEFINITION y65g08.rl Soares retina N2b4HR Homo sapiens cDNA clone
            IMAGE:275510 5', similar to gb|M87933|HUMALUJ364 Human carcinoma
            cell-derived Alu RNA transcript, (rRNA); gb:M92424 MDM2 PROTEIN
            (HUMAN); mRNA sequence.
ACCESSION  R84946
VERSION    R84946.1 GI:943352
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 28)
AUTHORS     Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,

Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
Wilson,R.
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 2611
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert length: 2611 Std Error: 0.00
Seq primer: M13RPI
High quality sequence stop: 1.

FEATURES   Location/Qualifiers
            source
            1..28
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="GDB:3849911"
            /db_xref="taxon:9606"
            /clone="IMAGE:275510"
            /sex="male"
            /tissue_type="retina"
            /dev_stage="55 year old"
            /lab_host="DH10B (ampicillin resistant)"
            /clone_lib="Soares retina N2b4HR"
            /note="Organ: eye; Vector: pT7T3D (Pharmacia) with a
            modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
            strand cDNA was primed with a Not I - oligo(dt) primer [5'
            TGTTACCAATCTGAAGTGGAGCGCGCTTTTTTTTTTTTTTT 3'],
            double-stranded cDNA was size selected, ligated to Eco RI
            adapters (Pharmacia), digested with Not I and cloned into
            the Not I and Eco RI sites of a modified pT7T3 vector
            (Pharmacia). The retinas were obtained from a 55 year old
            Caucasian and total cellular poly(A)+ RNA was extracted 6
            hrs after their removal. The retina RNA was kindly
            provided by Roderick R. McInnes M.D. Ph.D. from the
            University of Toronto. Library constructed by Bento
            Soares and M.Fatima Bonaldo."

Query Match      1.1%; Score 27; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 75;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2114 CTCTGTTACCCAGCTGCGAGTGCAGTG 2140
      |||||
Db   27 CTCTGTTACCCAGCTGCGAGTGCAGTG 1

RESULT 105
N38850/c
LOCUS      N38850
DEFINITION y80811.rl Soares multiple sclerosis 2NbHMSP Homo sapiens cDNA
            clone IMAGE:279884 5', similar to gb|M87933|HUMALUJ364 Human
            carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M96956
            EPIDERMAL GROWTH FACTOR-LIKE CRYPTO PROTEIN (HUMAN); mRNA
            sequence.
ACCESSION  N38850
VERSION    N38850.1 GI:1162057
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 35)

```

AUTHORS

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and Wilson,R.

TITLE

The WashU-Merck EST Project

JOURNAL

Unpublished (1995)

COMMENT

Contact: Wilton RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality

Seq primer: T7

High quality sequence stop: 1.

FEATURES

source

1..35 Location/Qualifiers

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3898260"

/db_xref="taxon:9606"

/clone="IMAGE:279884"

/sex="male"

/tissue_type="multiple sclerosis lesions"

/dev_stage="Age 46"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares multiple sclerosis 2NbhMS"

/note="Vector: pT73D (Pharmacia) with a modified

polylinker V-TYPE: phagemid; Site.1: Not I; Site.2: Eco

RI; 1st strand cDNA was primed with a Not I - oligo (dT)

primer 15'

TGTTACCAATCTGAAGTGGAGCGCGCATTTTTTTTTTTTTTTT 3'],

double-stranded cDNA was size selected, ligated to Eco RI

adapters (Pharmacia), digested with Not I and cloned into

the Not I and Eco RI sites of a modified pT73 vector

(Pharmacia). Library went through one round of

normalization to a Cot = 5. Library constructed by Bento

Soares and M.Fatima Bonaldo. RNA from 4 multiple sclerosis

lesions from one patient was kindly provided by Dr. Kevin

G. Becker (NINDS/NIH). "

Query Match

Best Local Similarity 1.1%; Score 27; DB 1; Length 35;

Matches 30; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2099 TCAGACCGAGTCTGCTCTGTACCAGGCTGGAG 2133

DB 35 TCAGACGGGGTCTCACTCTGTCAACCCAGGCTGGAG 1

RESULT 106

T99092

LOCUS

ye67f08.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:122823 3' similar to gb:U27670 Human Landsteiner-Wiener blood
group glycoprotein (HUMAN); mRNA sequence.

ACCESSION

T99092.1 GI:748829

VERSION

EST.

KEYWORDS

Homo sapiens (human)

SOURCE

Homo sapiens

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 (bases 1 to 30)

AUTHORS

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,

TITLE

The WashU-Merck EST Project

JOURNAL

Unpublished (1995)

COMMENT

Contact: Wilton RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 1341

High quality sequence starts: 1 High quality sequence stops: 1

Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality

Insert Length: 1341 Std Error: 0.00

Seq primer: -21ml3

High quality sequence stop: 1.

FEATURES

Location/Qualifiers

source

1..30

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:475368"

/db_xref="taxon:9606"

/clone="IMAGE:122823"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/note="Organ: Liver and Spleen; Vector: pT73D (Pharmacia)

with a modified polylinker; Site.1: Pac I; Site.2: Eco RI;

1st strand cDNA was primed with a Pac I - oligo(dT) primer

15' AACTGGAAGAATTAATTAAGATCTTTTTTTTTTTT 3'],

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified pT73 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo. "

Query Match

Best Local Similarity 1.1%; Score 26.8; DB 1; Length 30;

Matches 28; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2338 TCCCAAGTGTGGGATTCAGGATGAGC 2367

DB 1 TCCCAAGTGTGGGATTCAGGATGAGC 30

RESULT 107

H41735

LOCUS

yn94el2.s1 Soares adult brain N2b5HB55Y Homo sapiens cDNA clone
IMAGE:176110 3' similar to gb|M87923|HUMALCE12 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M57627 INTERLEUKIN-10
PRECURSOR (HUMAN); contains MIR repetitive element ;, mRNA sequence.

ACCESSION

H41735

VERSION H41735.1 GI:917787

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 34)

AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,

Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,

Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,

Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and

Wilson,R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilton RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Source: IMAGE Consortium, LNL This clone is available royalty-free through LNL ; contact the IMAGE Consortium (info@image.lnl.gov) for further information. Trace considered overall poor quality
Insert Length: 1012 Std Error: 0.00

High quality sequence stop: 1.
Location/Qualifiers

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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GBB:471967"
/db_xref="taxon:9606"
/clone="IMAGE:116350"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="SOARES fetal liver spleen mFLNS"
/notes="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)
with a modified polylinker; Site1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5', ACTGAGAGATTATTAAGATCTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified pT7T3 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M.Patima Ronaldo."

```

Query Match 1.1%; Score 26.6; DB 1; Length 35;
Best Local Similarity 82.9%; Pred. No. 86;
Matches 29; Conservative 0; Mismatches 6; Indels

Qy 2324 CGCCACCTCGGCTCCCAAGTGTGGATTACA 2358
||| ||| ||| ||| ||| ||| ||| |||
D6 1 CNCCTGCCTCACCTCCCAAAGNGTGGATTACA 35

RESULT 110

H41155	H41155	35 bp	mRNA	linear	EST 16-AUG-1995
LOCUS	YP64605.s1				
DEFINITION	Soares fetal liver spleen INFILTS Homo sapiens cDNA clone IMAGE:192224 3' similar to gb MB7935 HUMALU472 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:J03171 INTERFERON-ALPHA RECEPTOR PRECURSOR (HUMAN); mRNA sequence.				

ACCESSION	H41155
VERSION	H41155.1
KEYWORDS	GI:917207 EST.
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens

REFERENCE 1 (pages 1 to 35)

AUTHORS

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marr, M., Parsons, J., Rifkin, L., Robling, T., Soares, M., Tan, F., Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and Wilson, R.

TITLE
The WashU-Merck EST Project

JOURNAL
Unpublished (1995)

COMMENT
Contact: Wilson RK

FEATURES	High quality sequence stop: 1.
source	Location/Qualifiers
	1. .35

```

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3762013"
/db_xref="taxon:9606"
/cb_xref="IMAGE:192224"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="SOares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: p7T73D (Pharmacia)
with a modified polylinker; Site_1: Pac I; Site_2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5' AACGTGGAGATTAATTAAGACATCTTTTCTTTTCTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified p7T73 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M.Patima Bonaldo."

```

Query Match 1.1%; Score 26.4; DB 1; Length 35;
Best Local Similarity 90.0%; Pred. No. 88;
Matches 27; Conservative 0; Mismatches 3; Indels

Qy 2342 AAAGTGCTGGGATTACAGGCATGAGCCACC 2371
|||||
Db 1 AAAGTGCTGGGATTACAGGTNTGAGCCACC 30

RESULT 111

[illegible]

ACCESSION	H43792
VERSION	H43792.1
KEYWORDS	EST.
SOURCE	Homo sapiens (human)

ORGANISM	Homo sapiens
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
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17	17
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87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS
1 (bases 1 to 34)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Travaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
Willson, R.

TITLE	The WashU-Merck EST Project
JOURNAL	Unpublished (1995)
COMMENT	Contact: Wilson RK

Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63110

Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

```

/db_xref="taxon:9606"
/clone="IMAGE:184256"
/sex="Male"
/dev_stage="55-year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares adult brain N2b4HB55y"
/notes="Organ: brain; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5',
TGTTACCACTCTGAAGTGGGCGCGCTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). Library went through one round of
normalization to a Cot = 53. Library constructed by Bento
Soares and M.Fatima Bonaldo. The adult brain RNA was
provided by Dr. Donald H. Gilden. Tissue was acquired
17-18 hours after death which occurred in consequence of a
ruptured aortic aneurysm. RNA was prepared from a pool of
tissues representing the following areas of the brain:
frontal, parietal, temporal and occipital cortex from the
left and right hemispheres, subcortical white matter,
basal ganglia, thalamus, cerebellum, midbrain, pons and
medulla."
Query Match 1.1%; Score 26; DB 1; Length 34;
Best Local Similarity 85.3%; Pred. No. 90;
Matches 29; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2337 CTCCAAAGTCTGGGCTTACAGGCATGAGCCAC 2370
Db 1 CTCCAAAGTCTGGGCTTACAGGTGTGAGCCAC 34

RESULT 112
T86009
LOCUS
DEFINITION Y858h10.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:112483 5' similar to gb|W87935|HUMALU472 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:J03171 INTERPERON-ALPHA
RECEPTOR PRECURSOR (HUMAN); mRNA sequence.
T86009
ACCESSION T86009.1 GI:714361
VERSION
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevasakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.
TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 972
High quality sequence starts: 1
Source: IMAGE Consortium, LNL This clone is available royalty-free
through LNL; contact the IMAGE Consortium (info@image.lnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 972 Std Error: 0.00
Seq primer: M13RPI
High quality sequence stop: 1.
Location/Qualifiers
1. .32
/organism="Homo sapiens"
FEATURES
source
/db_xref="taxon:9606"
/clone="IMAGE:184256"
/sex="Male"
/dev_stage="55-year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/notes="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)
with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5' AACGGAGAATTAATTAAGATCTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified pT7T3 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."
Query Match 1.1%; Score 25.8; DB 1; Length 32;
Best Local Similarity 90.0%; Pred. No. 89;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2342 AAAGTCTGGGCTTACAGGCATGAGCCAC 2371
Db 1 AAAGTCTGGGCTTACAGGTGTGAGCCAC 30

RESULT 113
H70643/c
LOCUS
DEFINITION YU18h07.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:234205 3' similar to gb:D10202 PLATELET ACTIVATING FACTOR
RECEPTOR (HUMAN); mRNA sequence.
H70643
ACCESSION H70643.1 GI:1042459
VERSION
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevasakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.
TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 1926
High quality sequence starts: 1
Source: IMAGE Consortium, LNL
This clone is available royalty-free through LNL; contact the
IMAGE Consortium (info@image.lnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1926 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
1. .32
/organism="Homo sapiens"
FEATURES
source
/db_xref="taxon:9606"
/clone="IMAGE:234205"
/sex="male"
/dev_stage="20 week-post conception fetus"

```

/lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares fetal liver spleen INFLS"
 /note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)
 with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
 1st strand cDNA was primed with a Pac I - oligo(dT) primer
 [5'- AACTGGAGATTAATTAAGATCTTTTTTTTTTTTTTTT 3'],
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Pac I and cloned into the Pac I
 and Eco RI sites of the modified pT7T3 vector. Library
 went through one round of normalization. Library
 constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 1.1%; Score 25.6; DB 1; Length 32;
 Best Local Similarity 87.5%; Pred. No. 90;
 Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2339 CCCAAGTCTGGATTACAGCATCAGCCAC 2370
 |||||
 Db 32 CCCAAGTCTGGATTACAGGTGAATGCAC 1

RESULT 114
 A2309847/c
 LOCUS
 DEFINITION
 A2309847 IM0017J08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0017J08 F, genomic survey sequence.

ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

REFERENCE
 AUTHORS

TITLE

JOURNAL

COMMENT

Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0017 row: J column: 08
 Seq primer: CGTCTTAAACACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 32.
 Location/Qualifiers
 1..32
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 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0017J08"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: pWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 [gi|4732114|gb|AF129072.1], a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adapted mouse DNA was annealed to
 adapted vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 1.1%; Score 25.6; DB 1; Length 32;
 Best Local Similarity 87.5%; Pred. No. 90;
 Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2264 AGTAGACACAGGGTTTCCCGTGTAGCCAGG 2295
 |||||
 Db 32 AGTAGACACAGGGTTTCCCATATTTGGCCAGG 1

RESULT 115
 R39218

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Unpublished (1995)
 Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1800
 Email: est@watson.wustl.edu
 Insert Size: 1149
 High quality sequence starts: 1 High quality sequence stops: 1
 Source: IMAGE Consortium, LNL This clone is available royalty-free
 through LNL; contact the IMAGE Consortium (info@image.lnl.gov)
 for further information. Trace considered overall poor quality
 Insert Length: 1149 Std Error: 0.00
 Seq primer: -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers
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 /mol_type="mRNA"
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 /db_xref="taxon:9606"
 /clone="IMAGE:23377"
 /sex="female"
 /dev_stage="73 days post natal"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares infant brain INIB"
 /note="Organ: whole brain; Vector: Lafmid BA; Site 1: Not
 I; Site 2: Hind III; 1st strand cDNA was primed with a Not
 I - oligo(dT) primer [5'
 AACTGGAGATTCGCGCCGCGAGATTTTTTTTTTTTTTTT 3'];
 double-stranded cDNA was ligated to Hind III adaptors
 (Pharmacia), digested with Not I and directionally cloned

FEATURES
 source

into the Not I and Hind III sites of the Lafmid BA vector.
Library went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.1%; Score 25.6; DB 1; Length 34;
Best Local Similarity 82.4%; Pred. No. 93;
Matches 28; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2318 GTGATCGCCCACTCGGCTCCCAAGTGTGG 2351
|||||
Db 1 GTGATCTTCCCATCTCAGNCTNCCAAAGTGTGG 34

RESULT 116
R96723/c
LOCUS
DEFINITION
YQ55009.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:199673 3', similar to gb|M30845|DQSR7S11 dog signal
recognition particle 7SL RNA, 5' (rRNA); gb:Y00281 RIBOPHORIN I
PRECURSOR (HUMAN); mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
R96723
R96723.1 GI:982383
EST.
Homo sapiens (human)

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1 (bases 1 to 34)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaaskie, E., Waterston, R., Williamson, A., Woldmann, P. and
Wilson, R.

The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

Insert Size: 1654
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1654 Std Error: 0.00
Seq primer: Promega -2lm13
High quality sequence stop: 1.

FEATURES
source
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3768723"
/db_xref="taxon:9606"
/clone="IMAGE:199673"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/notes="Organ: Liver and Spleen; Vector: pRT3D (Pharmacia)
with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5', AACTGGAAGATTAATTAAGATCTTTTCTTTTCTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified pRT3 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.1%; Score 25.6; DB 1; Length 34;

Best Local Similarity 82.4%; Pred. No. 93;
Matches 28; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2192 CCGTCTCAGCTCCCAATAGCTTGGCTCAG 2225
|||||
Db 34 CCGTCTCAGCTTCCGAGTAGCTGGCTACG 1

RESULT 117
AG202966/c
LOCUS
DEFINITION
AG202966
Pan troglodytes DNA, clone: RP43-086N17.TJ, genomic survey
sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
AG202966
AG202966.1 GI:45235141
GSS.
Pan troglodytes (chimpanzee)
Pan troglodytes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1
Park, H., Kim, Y., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
BAC end sequences of Library RP-43
Unpublished

2 (bases 1 to 34)
Park, H., Kim, Y., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC);
52, Oun-dong, Yuseong-gu, Daejeon 305-333, Korea
(E-mail: redstone@mail.kribb.re.kr, URL: http://phs.grc.kribb.re.kr/,
Tel: 82-42-866-7181, Fax: 82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.

PRIMERS
Sequencing: TJ
LIBRARY
Vector : pBACe3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI

FEATURES
source
1..34
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-086N17.TJ"
/sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 1.1%; Score 25.6; DB 1; Length 34;
Best Local Similarity 87.5%; Pred. No. 93;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2341 CAAAGTGTGGGATTACAGGCATGAGCCACCG 2372
|||||
Db 34 CAAAGTGTGGCATTACAGGTGTGAGCCCG 3

RESULT 118
H46868
LOCUS
DEFINITION
Y019b04.r1 Soares adult brain N2b5HB55Y Homo sapiens cDNA clone
IMAGE:178351 5' similar to gb|M87890|HUMALCE124 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:J05096 rnal
SOD1/POTASSIUM-TRANSPORTING ATPASE ALPHA-1 CHAIN (HUMAN); mRNA
sequence.

ACCESSION
VERSION
KEYWORDS
H46868
H46868.1 GI:922920
EST.


```

SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 32)
AUTHORS    Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
            Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
            Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
            Trevasakis,E., Waterston,R., Williamson,A., Wohldmann,P. and
            Wilson,R.
TITLE      The WashU-Merck EST Project
JOURNAL    Unpublished (1995)
COMMENT    Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 935
            High quality sequence starts: 1
            High quality sequence stops: 1
            Source: IMAGE Consortium, LLNL
            This clone is available royalty-free through LLNL ; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.
            Trace considered overall poor quality
            Insert Length: 935 Std Error: 0.00
            Seq primer: M13RP1
            High quality sequence stop: 1.
FEATURES    Location/Qualifiers
            1..32
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            /mol_type="mRNA"
            /db_xref="GDB:3840547"
            /db_xref="taxon:9606"
            /clone="IMAGE:178351"
            /sex="Male"
            /dev_stage="55-year old"
            /lab_host="DH10B (ampicillin resistant)"
            /clone_lib="Soares adult brain N2b5HB55y"
            /note="Organ: brain; Vector: p7T73D (Pharmacia) with a
            modified polylinker; Site:1: Not I; Site:2: Eco RI; 1st
            strand cDNA was primed with a Not I - oligo(dT) primer [5',
            TGTTCACCAATCTGAAGTGGAGCGCGCTTTTCTTTTCTTTT 3'],
            double-stranded cDNA was size selected, ligated to Eco RI
            adapters (Pharmacia), digested with Not I and cloned into
            the Not I and Eco RI sites of a modified p7T73 vector
            (Pharmacia). Library went through one round of
            normalization to a Cot = 53. Library constructed by Bento
            Soares and M.Fatima Bonaldo. The adult brain RNA was
            provided by Dr. Donald H. Gilden. Tissue was acquired
            17-18 hours after death which occurred in consequence of a
            ruptured aortic aneurysm. RNA was prepared from a pool of
            tissues representing the following areas of the brain:
            frontal, parietal, temporal and occipital cortex from the
            left and right hemispheres, subcortical white matter,
            basal ganglia, thalamus, cerebellum, midbrain, pons and
            medulla."
Query Match 1.1%; Score 25.4; DB 1; Length 32;
Best Local Similarity 96.3%; Pred. No. 92;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TCCTGGATTACAGGCATGACGACCG 2372
      |||||
Db 1 TCCTGGATTACAGGCATGACGACCTG 27

RESULT 119
LOCUS      H39150
DEFINITION yns3e09.r1 Soares adult brain N2b5HB55y Homo sapiens cDNA clone
            IMAGE:175048 5' similar to gb|M87910|HUMANLN34 Human carcinoma
            cell-derived Alu RNA transcript, (rRNA); gb:M35663

SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 32)
AUTHORS    Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
            Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
            Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
            Trevasakis,E., Waterston,R., Williamson,A., Wohldmann,P. and
            Wilson,R.
TITLE      The WashU-Merck EST Project
JOURNAL    Unpublished (1995)
COMMENT    Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 935
            High quality sequence starts: 1
            High quality sequence stops: 1
            Source: IMAGE Consortium, LLNL
            This clone is available royalty-free through LLNL ; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.
            Trace considered overall poor quality
            Insert Length: 935 Std Error: 0.00
            Seq primer: M13RP1
            High quality sequence stop: 1.
FEATURES    Location/Qualifiers
            1..32
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="GDB:3840547"
            /db_xref="taxon:9606"
            /clone="IMAGE:178351"
            /sex="Male"
            /dev_stage="55-year old"
            /lab_host="DH10B (ampicillin resistant)"
            /clone_lib="Soares adult brain N2b5HB55y"
            /note="Organ: brain; Vector: p7T73D (Pharmacia) with a
            modified polylinker; Site:1: Not I; Site:2: Eco RI; 1st
            strand cDNA was primed with a Not I - oligo(dT) primer [5',
            TGTTCACCAATCTGAAGTGGAGCGCGCTTTTCTTTTCTTTT 3'],
            double-stranded cDNA was size selected, ligated to Eco RI
            adapters (Pharmacia), digested with Not I and cloned into
            the Not I and Eco RI sites of a modified p7T73 vector
            (Pharmacia). Library went through one round of
            normalization to a Cot = 53. Library constructed by Bento
            Soares and M.Fatima Bonaldo. The adult brain RNA was
            provided by Dr. Donald H. Gilden. Tissue was acquired
            17-18 hours after death which occurred in consequence of a
            ruptured aortic aneurysm. RNA was prepared from a pool of
            tissues representing the following areas of the brain:
            frontal, parietal, temporal and occipital cortex from the
            left and right hemispheres, subcortical white matter,
            basal ganglia, thalamus, cerebellum, midbrain, pons and
            medulla."
Query Match 1.1%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 91;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTGCTTACCCAGCGCTGGAGTGC 2136
      |||||
Db 30 AGTCTCTCTCTGTGCTGCCAGCGCTGGAGTGC 1

RESULT 120

```

```

INTERFERON-INDUCED, DOUBLE-STRANDED RNA-ACTIVATED PROTEIN KINASE
(HUMAN); contains MSRI repetitive element ;, mRNA sequence.
H39150
H39150.1 GI:908649
EST.
Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 30)
AUTHORS    Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
            Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
            Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
            Trevasakis,E., Waterston,R., Williamson,A., Wohldmann,P. and
            Wilson,R.
TITLE      The WashU-Merck EST Project
JOURNAL    Unpublished (1995)
COMMENT    Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 780
            High quality sequence starts: 1
            High quality sequence stops: 1
            Source: IMAGE Consortium, LLNL
            This clone is available royalty-free through LLNL ; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.
            Trace considered overall poor quality
            Insert Length: 780 Std Error: 0.00
            Seq primer: M13RP1
            High quality sequence stop: 1.
FEATURES    Location/Qualifiers
            1..30
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="GDB:3837083"
            /db_xref="taxon:9606"
            /clone="IMAGE:175048"
            /sex="Male"
            /dev_stage="55-year old"
            /lab_host="DH10B (ampicillin resistant)"
            /clone_lib="Soares adult brain N2b5HB55y"
            /note="Organ: brain; Vector: p7T73D (Pharmacia) with a
            modified polylinker; Site:1: Not I; Site:2: Eco RI; 1st
            strand cDNA was primed with a Not I - oligo(dT) primer [5',
            TGTTCACCAATCTGAAGTGGAGCGCGCTTTTCTTTTCTTTT 3'],
            double-stranded cDNA was size selected, ligated to Eco RI
            adapters (Pharmacia), digested with Not I and cloned into
            the Not I and Eco RI sites of a modified p7T73 vector
            (Pharmacia). Library went through one round of
            normalization to a Cot = 53. Library constructed by Bento
            Soares and M.Fatima Bonaldo. The adult brain RNA was
            provided by Dr. Donald H. Gilden. Tissue was acquired
            17-18 hours after death which occurred in consequence of a
            ruptured aortic aneurysm. RNA was prepared from a pool of
            tissues representing the following areas of the brain:
            frontal, parietal, temporal and occipital cortex from the
            left and right hemispheres, subcortical white matter,
            basal ganglia, thalamus, cerebellum, midbrain, pons and
            medulla."
Query Match 1.1%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 91;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTGCTTACCCAGCGCTGGAGTGC 2136
      |||||
Db 30 AGTCTCTCTCTGTGCTGCCAGCGCTGGAGTGC 1

RESULT 120

```


AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0537 row: 0 column: 13
Seq primer: CGTTGTAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 31.
Location/Qualifiers
1. 31
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0537013"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (G14732114|gb|AF125072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

FEATURES source
1. 31
Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0537013"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (G14732114|gb|AF125072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 1.0%; Score 24.2; DB 1; Length 31;
Best Local Similarity 89.7%; Pred. No. 1e+02;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2343 AAGTGCTGGGATTACAGGATGAGCCACC 2371
|||||
Db 1 AAGTGCTGGGATTAAAGGCGTGCCACC 29
|||||

RESULT 125
R96806
LOCUS Y661h04.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:200311 5', similar to gb:U09087 THYMPOIETIN (HUMAN);, mRNA sequence.
DEFINITION R96806.1 GI:982466
R96806 Homo sapiens (human)
KEYWORDS EST.
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 30)
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohldmann, P. and Wilson, R.

TITLE The WashU-Merck EST Project

JOURNAL Unpublished (1995)

COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 1589
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1589 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 1.
Location/Qualifiers
1. 30
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3769361"
/db_xref="taxon:9606"
/clone="IMAGE:200311"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer 15', AACGTGAAGAATAATAAGATCTTTTTTTTTTTT 3', double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2317 CQTGATCGCCGCCACCTCGGCTCCCAAGT 2346
|||||
Db 1 CQTGATCCACCGCATCGGCTCCCAAGT 30
|||||

RESULT 126
H63106/c
LOCUS Yr48a04.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:208494 3', similar to gb|M87917|HUMALNE441 Human carcinoma cell-derived Alu RNA transcript. (rRNA); gb:M91159 !!! ALU CLASS E WARNING ENTRY !!! (HUMAN);, mRNA sequence.
DEFINITION H63106.1 GI:1017907
H63106 Homo sapiens (human)
KEYWORDS EST.
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 28)
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohldmann, P. and Wilson, R.

TITLE JOURNAL COMMENT

The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 3194
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 3194 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.

FEATURES

source

1. .28
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3777625"
/db_xref="taxon:9606"
/clone="IMAGE:208494"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: p77T3D (Pharmacia)
with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5' - AACTGGAAGATTAAATTAAGATCTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified p77T3 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M.Patima Bonaldo."

Query Match 1.0%; Score 23.2; DB 1; Length 28;
Best Local Similarity 89.3%; Pred. No. 1e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 25; Conservative 0;

QY 2339 CCCAAGTCTGGGATTACAGCATGAG 2366

Db 28 CCCAAGTCTGGGATTACAGGTGAAG 1

RESULT 127

T65402

LOCUS

DEFINITION

T65402 28 bp mRNA linear EST 07-MAR-1995
YC73d01.s1 Soares infant brain IN1B Homo sapiens cDNA clone
IMAGE:21732 3' similar to gb:J04513/HUMANLNE441 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:J04513 HEPARIN-BINDING
GROWTH FACTOR PRECURSOR 2 (HUMAN); mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS

1 (bases 1 to 28)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE

JOURNAL

COMMENT

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 3006

High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free
through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 3006 Std Error: 0.00

Seq primer: -21ml3

High quality sequence stop: 1.

FEATURES

source

1. .28
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:394079"
/db_xref="taxon:9606"
/clone="IMAGE:21732"
/sex="female"
/dev_stage="73 days post natal"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares infant brain IN1B"
/note="Organ: whole brain; Vector: Lafmid BA; Site 1: Not
I; Site 2: Hind III; 1st strand cDNA was primed with a Not
I - oligo(dT) primer [5'
AACTGGAAGATTGCGCCGCGAGGATTTTTTTTTTTT 3'];
double-stranded cDNA was ligated to Hind III adaptors
(Pharmacia), digested with Not I and directionally cloned
into the Not I and Hind III sites of the Lafmid BA vector.
Library went through one round of normalization. Library
constructed by Bento Soares and M.Patima Bonaldo."

Query Match 1.0%; Score 23.2; DB 1; Length 28;
Best Local Similarity 89.3%; Pred. No. 1e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 25; Conservative 0;

QY 2340 CCAAGTCTGGGATTACAGCATGAGC 2367

Db 1 CTAAGTCTGGGATTACAGGTGTGAGC 28

RESULT 128

R07762

LOCUS

DEFINITION

R07762 27 bp mRNA linear EST 05-APR-1995
Yf15d04.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:126919 3' similar to gb:M81181 SODIUM/POTASSIUM-TRANSPORTING
ATPASE BETA-2 (HUMAN); mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS

1 (bases 1 to 27)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE

JOURNAL

COMMENT

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 964

High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free
through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality

Insert Length: 964 Std Error: 0.00
Seq primer: -21m13
High quality sequence stop: 1.

FEATURES

source

Location/Qualifiers

1. .27

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:479080"

/db_xref="taxon:9606"

/clone="IMAGE:126919"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)

with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;

1st strand cDNA was primed with a Pac I - oligo(dT) primer

[5' AACTGAGAGAATTAATTAAGATCTTTTTTTTTTTTTTTT 3'],

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified pT7T3 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bernaldo."

Query Match

Best Local Similarity 1.0%; Score 22.8; DB 1; Length 27;

Matches 24; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2342 AAAGTGTGGGATTACAGGCATGAGCC 2368

Db 1 AAAGTGTGGGATTACAGGCATGAGCC 27

RESULT 129

T63744/c

LOCUS

DEFINITION

Yc23G02.r1 Stratagene lung (#937210) Homo sapiens cDNA clone

IMAGE:81554 5' similar to gb|M87942|HUMALU83 Human carcinoma

cell-derived Alu RNA transcript, (rRNA); gb:X61499 NUCLEAR FACTOR

NF-KAPPA-B P49 SUBUNIT (HUMAN); mRNA sequence.

T63744

VERSION

T63744.1 GI:667609

KEYWORDS

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 29)

Hillier, L., Lennon, G., Becker, M., Bernaldo, M.F., Chiapelli, B.,

Chisoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,

Hawkins, N., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,

Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,

Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,

Trevaaskis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R.,

and Marra, M.

Generation and analysis of 280,000 human expressed sequence tags

Genome Res. 6 (9), 807-828 (1996)

97044478

8889549

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 544

High quality sequence starts: 1 High quality sequence stops: 1

Source: IMAGE Consortium LLNL This clone is available royalty-free

through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)

for further information. Trace considered overall poor quality

Insert Length: 544 Std Error: 0.00

Seq primer: M13RP1

High quality sequence stop: 1.

FEATURES

source

Location/Qualifiers

1. .29

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:485171"

/db_xref="taxon:9606"

/clone="IMAGE:81554"

/sex="male"

/dev_stage="72 years"

/lab_host="SOLR cells (kanamycin resistant)"

/clone_lib="Stratagene lung (#937210)"

/note="Organ: lung; Vector: pBluescript SK-; Site 1:

EcoRI; Site 2: XhoI; Cloned unidirectionally. Primer:

Oligo dT: normal lung. Average insert size: 1.0 kb;

Uni-ZAP XR Vector; -5' adaptor sequence: 5' GAATTCGGACGAG

3' -3' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTT 3'."

Query Match

Best Local Similarity 1.0%; Score 22.6; DB 1; Length 29;

Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 2087 TATTATTTTTTGAGACGAGCTCTTGCT 2115

Db 29 TTTTITTTTTTTTGAGACGAGCTCGCT 1

RESULT 130

H93534

LOCUS

DEFINITION

H93534.1 GI:1099862

KEYWORDS

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 25)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,

Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,

Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and

Wilson, R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Seq primer: M13RP1

High quality sequence stop: 1.

Location/Qualifiers

1. .25

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3791315"

/db_xref="taxon:9606"

/clone="IMAGE:242182"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)

197219 1 GI:735843
EST.
SOURCE
ORGANISM
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS
 Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaekis, E., Waterston, R., Williamson, A., Wohldmann, P. and Wilson, R.
TITLE
 The WashU-Merck EST Project
JOURNAL
 Unpublished (1995)
COMMENT
 Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, L1ML
 This clone is available royalty-free through L1ML; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Seq primer: -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers
 1. 27
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:472873"
 /db_xref="taxon:9606"
 /clone="IMAGE:120328"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares fetal liver spleen cDNA"
 /note="Organ: Liver and Spleen; Vector: p773D (Pharmacia) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAAGAATTAATAAGATCTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified p773 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."
 Query Match 0.9%; Score 21.8; DB 1; Length 27;
 Best Local Similarity 88.5%; Pred. No. 1.2e+02;
 Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2290 GCCAGGATGCTCGATCTCCTGACC 2315
 |||||
Db 26 GCCAGGCTGCTCGAATCTCTGACC 1
 |||||
RESULT 134
AZ310123
LOCUS
DEFINITION
 1M0018K23R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0018K23 R, genomic survey sequence.
ACCESSION
VERSION
 AZ310123.1 GI:10351797
KEYWORDS
SOURCE
ORGANISM
 Mus musculus (house mouse)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
AUTHORS
 Dunn, D., Aoyagi, A., Barbet, M., Beacorn, T., Duval, B., Hamil, C., Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLCT, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: rdunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0018 row: K column: 23
 Seq primer: CACACAGGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 26.
 Location/Qualifiers
 1. 26
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGCLM0018K23"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCLM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/duares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [GI:4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
 Query Match 0.9%; Score 21.2; DB 1; Length 26;
 Best Local Similarity 88.5%; Pred. No. 1.2e+02;
 Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2342 AAAGTGTGGATTACAGCATGAGC 2367
 |||||
Db 1 AAAGTGTGGATTACCTGCTGAGC 26
 |||||
RESULT 135
AG189863
LOCUS
DEFINITION
 Pan troglodytes DNA, clone: RP43-064M10.T7, genomic survey sequence.
ACCESSION
VERSION
 AG189863.1 GI:45222039
KEYWORDS
SOURCE
ORGANISM
 Pan troglodytes (chimpanzee)
 Pan troglodytes
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
REFERENCE
AUTHORS
 Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.

/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match 0.9%; Score 20.8; DB 1; Length 27;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2045 TTTTCTTTTCTTAATATATATATA 2068

Db 4 TTTTCTTTTCTTTAAATATATATA 27

RESULT 138

N77071/c

LOCUS 25 bp mRNA linear EST 28-JAN-1997
DEFINITION YV5la03.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:246220 5' similar to gb|J01853|DQGSRPNA dog signal
recognition particle (rRNA), mRNA sequence.

ACCESSION N77071 GI:1239649

VERSION EST.

KEYWORDS Homo sapiens (human)

SOURCE Homo sapiens

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 25)

AUTHORS Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,

Chisoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,

Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,

Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,

Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,

Trevaaskis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R.,

and Warra, M.

Generation and analysis of 280,000 human expressed sequence tags

Genome Res. 6 (9), 807-828 (1996)

97044478

8989549

COMMENT Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel.: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

This clone is available royalty-free through LML; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 1416 Std Error: 0.00

Seq primer: reverse ET

High quality sequence stop: 1.

Location/Qualifiers

1. .25

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3795466"

/db_xref="taxon:9606"

/clone="IMAGE:246220"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/note="Organ: Liver and Spleen; Vector: p773D (Pharmacia)

1st strand cDNA was primed with a Pac I - oligo(dT) primer

[5', AACTGGAAGAATTAATAAGATCTTTTTTTTTTTTTTTT 3'],

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified p773 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo."

Query Match

Best Local Similarity 95.5%; Pred. No. 1.3e+02;

Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTCAGTGGT 2143

Db 24 CCCAGCTGGAGTCAGTGGCT 3

RESULT 139

R15830/c

LOCUS

DEFINITION

26 bp mRNA linear EST 13-APR-1995

Ya46f05.r1 Soares infant brain IN1B Homo sapiens cDNA clone

IMAGE:53108 5' similar to gb|M87929|HUMALU146 Human carcinoma

cell-derived Alu RNA transcript, (rRNA); 9B:M29874 CYTOCHROME P450

IIB6 (HUMAN); mRNA sequence.

ACCESSION R15830

VERSION R15830.1 GI:768245

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 26)

AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,

Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,

Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and

Wilson, R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LML; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Seq primer: M13RP1

High quality sequence stop: 1.

Location/Qualifiers

1. .26

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:426044"

/db_xref="taxon:9606"

/clone="IMAGE:53108"

/sex="female"

/dev_stage="73 days post natal"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares infant brain IN1B"

/note="Organ: whole brain; Vector: Lafmid BA; Site 1: Not

I; Site 2: Hind III; 1st strand cDNA was primed with a Not

I - oligo(dT) primer [5'

AACTGGAAGAATTCGCGCGCAGGAATTTTTTTTTTTT 3'];

double-stranded cDNA was ligated to Hind III adaptors

(Pharmacia), digested with Not I and directionally cloned

into the Not I and Hind III sites of the Lafmid BA vector.

Library went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo."

Query Match

Best Local Similarity 100.0%; Pred. No. 1.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTCAGTGG 2141

Db 26 CCCAGCTGGAGTCAGTGG 7

RESULT 140

CF302406 24 bp mRNA linear EST 15-AUG-2003
 LOCUS 7LEAF--07-N18.b1 Rice leaf plasmid cDNA library II (7LEAF) Orvza
 DEFINITION sativa (japonica cultivar-group) cDNA clone 7LEAF--07-N18, mRNA
 sequence.

ACCESSION CF302406 GI:33674167
 VERSION CF302406.1

SOURCE

ORyza sativa (japonica cultivar-group)

KEYWORDS

EST:
 Orvza sativa (japonica cultivar-group)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoideae; Oryzeae; Orvza.

REFERENCE

1 (bases 1 to 24)
 Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
 Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
 Large-scale Sequencing Analysis of Rice ESTs
 Unpublished (2003)
 Contact: Nahm B.H.
 Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyonggi, Korea
 Tel: 82 31 330 6193
 Fax: 82 31 321 6355
 Email: bnhnm@gbio.com, bnhnm@bio.myongji.ac.kr.

FEATURES

Source
 1..24
 /organism="Orvza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="7LEAF--07-N18"
 /tissue_type="leaf"
 /dev_stage="7 days after germination"
 /lab_host="E.coli DH10B"
 /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
 /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

FEATURES

Source
 1..24
 /organism="Orvza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="7LEAF--07-N18"
 /tissue_type="leaf"
 /dev_stage="7 days after germination"
 /lab_host="E.coli DH10B"
 /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
 /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

Query Match

Best Local Similarity 0.8%; Score 19.8; DB 1; Length 24;

Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2045 TTTTCTTCTTAATATGAT 2067

DB 2 TTTTCTTCTTAAATATATAT 24

RESULT 141

H86139/c 26 bp mRNA linear EST 21-NOV-1995
 LOCUS y897c05.r1 Soares retina N2B5HR Homo sapiens cDNA clone
 DEFINITION IMAGE:222728 5' similar to gb:J05096 rnal
 SODIUM/POTASSIUM-TRANSPORTING ATPASE ALPHA-1 CHAIN (HUMAN);, mRNA
 sequence.

ACCESSION

H86139

VERSION

H86139.1 GI:1067718

KEYWORDS

EST.
 Homo sapiens (human)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 (bases 1 to 26)
 Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
 Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
 Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
 Trevasakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
 Wilson,R.

TITLE

The WashU-Merck EST Project

JOURNAL

Unpublished (1995)

COMMENT

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 2477 Std Error: 0.00

Seq primer: M13RP1

High quality sequence stop: 1.

FEATURES

Source

1..26
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:3853762"
 /db_xref="taxon:9606"
 /clone="IMAGE:222728"
 /sex="male"
 /tissue_type="retina"
 /dev_stage="55 year old"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares retina N2B5HR"
 /note="Organ: eye; Vector: pT7A3D (Pharmacia) with a
 modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
 strand cDNA was primed with a Not I - oligo(dT) primer [5',
 TGTTACCACTCGAGTCGAGCGCGCGCTTTTCTTTTCTTTT 3'],
 double-stranded cDNA was size selected, ligated to Eco RI
 adapters (Pharmacia), digested with Not I and cloned into
 the Not I and Eco RI sites of a modified pT73 vector into
 (Pharmacia). The retinas were obtained from a 55 year old
 Caucasian and total cellular poly(A)+ RNA was extracted 6
 hrs after their removal. The retina RNA was kindly
 provided by Roderick R. McInnes M.D. Ph.D. from the
 University of Toronto. Library constructed by Bento
 Soares and M.Fatima Bonaldo."

Query Match

Best Local Similarity 0.8%; Score 19.6; DB 1; Length 26;

Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2086 TTATTATTTTTCGACCGAGTCT 2111

DB 26 TTTTCTTCTTAAATATATAT 24

RESULT 142

AG197557 26 bp DNA linear GSS 06-MAR-2004
 LOCUS Pan troglodytes DNA, clone: RP43-077N04.T7, genomic survey
 DEFINITION sequence.

ACCESSION

AG197557

VERSION

AG197557.1 GI:45229733

KEYWORDS

GSS.

SOURCE

Pan troglodytes (chimpanzee)

ORGANISM

Pan troglodytes
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.

REFERENCE

1 (bases 1 to 26)

AUTHORS

Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J.,
 Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H.

TITLE

BAC end sequences of Library RP-43

JOURNAL

Unpublished

REFERENCE

2 (bases 1 to 26)

AUTHORS

Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J.,
 Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H.

TITLE

Direct Submission

JOURNAL

Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
 Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea

(E-mail: redstone@mail.kribb.re.kr, URL: <http://phs.grc.kribb.re.kr/>,
Tel: 82-42-866-7181, Fax: 82-42-860-4409)

COMMENT
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.

PRIMERS
Sequencing: T7

LIBRARY

Vector	: pBACe3.6
R.Site 1	: EcoRI
R.Site 2	: EcoRI.

FEATURES	Location/Qualifiers
source	1. .26

```
1. 26
organism="Pan troglodytes"
/mol_type="genomic DNA"
db_xref="taxon:9598"
clone="RP43-077N04.T7"
sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanze
```

Query Match 0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 1.4e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2140 GGGTGATCTTGGCTCACTGCAAGTC 2165
 Db 1 GCGCGATCTCGGGTCACTGCAAGTC 26

RESULT 143	AG201709/c	24 bp	DNA	linear	GSS 06-MAR-2004
LOCUS	AG201709/c				
DEFINITION	Pan troglodytes DNA, clone: RP43-084G18.T7, genomic survey sequence.				

sequence.
AG201709
AG201709.1 GI:45233884
GSS.
ACCESSION
VERSION
KEYWORDS

SOURCE	ORGANISM	Pan troglodytes (chimpanzee)
1		
2		
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100		

ORGANISM

REFERENCE	AUTHORS	TITLE
1	Paik, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C. J., Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.	BAC end sequences of Library RP-43

JOURNAL
REFERENCE 2 (pages 1 to 24)

2 (bases 1 to 24)
Park, H., Kim, Y., K
Hoon S. T. Chui M

TITLE
JOURNAL
DIRECT SUBMISSION
MOON, S.-I., CHU, W., KIM, H., JOO, S., KIM, C., SONG, W. and YOO, H.
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail: redstonemail@kribb.re.kr, URL: <http://phs.grc.kribb.re.kr/>,
Tel: 82-42-866-7181, Fax: 82-42-860-4409)

COMMENT Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.

PRIMERS
Sequencing: T7

LIBRARY

FEATURES	Location/Qualifiers
source	1. . 24

```

1. 24
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-084G18.T7"
/sex="male"
/cell_type="lymphocytes"

```

/clone lib="RP-43 Chimpanzee Male BAC Library"

```
Query Match          0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 2252 TTTTGTACTTTTGTAGACAGG 2275
|||
Db 24 TTTTGTATTTTGTAGACAGCGG 1

RESULT 144
AG202109/C

AG020109/C	AG020109	24 bp	DNA	linear	GSS 06-MAR-2004
LOCUS	Pan troglodytes	DNA, clone: RP43-085B11.TJ,			
DEFINITION	sequence.				
GSS genomic survey					

sequence.	
ACCESSION	AG202109
VERSION	AG202109.1
	GT:45234284

VERSION
KEYWORDS
SOURCE

SOURCE	ORGANISM	pan troglodytes (chimpanzee)
	pan troglodytes	
	pan troglodytes	

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.

1	Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C. J., Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
REFERENCE	
AUTHORS	
TITLE	BAC end sequences of Library RP-43

JOURNAL REFERENCE	Unpublished 2 (bases 1 to 24)

2 (Pages 1 to 24)

AUTHORS

Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C. J.,
Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.

TITLE
Journal
JOURNAL
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
52. Qun-dong, Yung-su, Dae-jun 105-133, Korea
Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
52. Qun-dong, Yung-su, Dae-jun 105-133, Korea
Direct Submission

32, Chun-wong, Imsong-gu, Daeseon 305-333, Korea
E-mail: redstoneemail.kribb.re.kr, URL: http://phs.grc.kribb.re.kr/,
Tel: 82-42-866-7181, Fax: 82-42-860-4409
Clones are derived from the chimpanzee BAC library RP-43 This BAC
COMMENT

COMMENT
clones are derived
end was generated d
of clone tracking e

of clone tracking errors:
PRIMERS
Sequencing: ET

Sequencing: TJ
LIBRARY

```

Vector      : pBACe3.6
R.Site 1   : EcoRI
R.Site 2   : EcoRI
FEATURES
source     Location/Qualifiers
            1..24
            /organism="Pan troglodytes"
            /mol_type="genomic DNA"

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Query Match	0.8%	Score 19.2;	DB 1;	Length 24;
Best Local Similarity	87.5%;	Pred. NO. 1.4e+02;		
Matches 21;	Conservative	0;	Mismatches 3;	Indels 0;
				Gaps 0;

QY 2285 TGTTAGCCAGGATGGTCTCGATCT 2308
|||||
Db 24 TGTTAGCCAGGATGGGCTTGATTT 1

RESULT 145
AG200804

AG200804
LOCUS
DEFINITION
AG200804
Pan troglodytes DNA, clone: RP43-082P18.T7, genomic survey
20 bp DNA linear
sequence.
GSS 06-MAR-2004

ACCESSION	AG200804	sequence.
VERSION	AG200804.1	GT:45232979

VERSION
KEYWORDS

```

SOURCE      Pan troglodytes (chimpanzee)
ORGANISM    Pan troglodytes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
REFERENCE
AUTHORS    Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
TITLE      BAC end sequences of Library RP-43
JOURNAL    Unpublished
REFERENCE
AUTHORS    Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
TITLE      Direct Submission
JOURNAL    Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC);
52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail: redstone@mail.kribb.re.kr, URL: http://phs.grc.kribb.re.kr/,
Tel: 82-42-866-7181, Fax: 82-42-860-4409)
COMMENT    Clones are derived from the chimpanzee BAC library RP-43. This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.
PRIMERS
Sequencing: T7
LIBRARY
Vector      : pBACe3.6
R.Site 1    : EcoRI
R.Site 2    : EcoRI.
FEATURES
Source      Location/Qualifiers
1..20
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-082P18.T7"
/sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match      0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2232 GCCACCACCTGGCTAAT 2250
|||||
Db 1 GCCACCACCTGGCTAAT 19

RESULT 146
BQ591193
LOCUS      E012715-024-017-D14-T7 MP12-ADIS-024-storage root Beta vulgaris
DEFINITION cDNA clone 024-017-D14 3-PRIME, mRNA sequence.
ACCESSION  BQ591193
VERSION     BQ591193.1 GI:26120776
KEYWORDS    EST.
SOURCE      Beta vulgaris
ORGANISM    Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE
AUTHORS    Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
TITLE      Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL    Plant J. 32 (5), 845-857 (2002)
MEDLINE    22362189
PUBMED     12472698
COMMENT    Contact: Weishaar B
ADIS DNA core facility at MP12
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851

Email: weissaha@mpiz-koeln.mpg.de
Insert Length: 22 Std Error: 0.00
Plate: 17 row: D column: 14
Seq Primer: T7; GTAATACACTACTATAGGCG.
FEATURES
Source      Location/Qualifiers
1..22
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"
/ad_xref="GABI:188927"
/db_xref="taxon:161934"
/clone="024-017-D14"
/tissue_type="storage root"
/lab_host="EMDH108"
/clone_lib="MP12-ADIS-024-storage root"
/notes="Vector: PCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGGCTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match      0.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2045 TTTTTCCTTAATATGT 2065
|||||
Db 2 TTTTTCCTTAATATGT 22

RESULT 147
AW249539
LOCUS      2821427.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821427 3',
DEFINITION mRNA sequence.
ACCESSION  AW249539
VERSION     AW249539.1 GI:6592532
KEYWORDS    EST.
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS    NIH-MGC http://mgc.nci.nih.gov/.
TITLE      National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL    Unpublished (1999)
COMMENT    Other ESTs: 2821427.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs@mail.nih.gov
Tissue Procurement: DCTD/DP CDA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
Project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www.bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washington Genome Center. Vector
Trimming: cross match from University of Washington Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washington Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 9 contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 20 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a xhoI site followed by a run of 14 or more T residues at the
beginning of the sequence, this cDNA insert was polyadenylated.
Plate: LLC6 row: M column: 12
High quality sequence stop: 9.

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FEATURES
source

Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2821427"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_7"
/note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adaptor: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8Kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2089 TTATTTTGTGACCGAG 2108
||| ||||| ||||| |||||
Db 1 TTTTGTGACCGAG 20

RESULT 148

AG201647/c
LOCUS AG201647 21 bp DNA linear GSS 06-MAR-2004
DEFINITION Pan troglodytes DNA, clone: RP43-084E21.TJ, genomic survey
sequence.
ACCESSION AG201647
VERSION AG201647.1 GI:45233822
KEYWORDS GSS.
SOURCE Pan troglodytes (chimpanzee)
ORGANISM Pan troglodytes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
REFERENCE 1
AUTHORS Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J.,
Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H.
BAC end sequences of Library RP-43
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 21)
AUTHORS Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J.,
Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H.
Direct Submission
JOURNAL Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.krribb.re.kr, URL:http://phs.grc.krribb.re.kr/,
Tel:82-42-866-7181, Fax:82-42-860-4409)
COMMENT Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.
PRIMERS

Sequencing: TJ

LIBRARY

Vector : pBACe3.6

R.Site 1 : EcoRI

R.Site 2 : EcoRI

Location/Qualifiers

1..21
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-084E21.TJ"
/sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"

FEATURES
source

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2353 ATTACAGGCATGAGCCACCG 2372
||||| ||||| ||||| |||||
Db 21 ATTACAGGCGTGAGCCACTG 2

Search completed: January 26, 2005, 12:46:17
Job time : 9 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: January 26, 2005, 12:40:49 ; Search time 50 Seconds
(without alignments)
3.697 Million cell updates/sec

Title: US0966724B-2
Perfect score: 2372
Sequence: 1 GCACCGCGAGCTGCTG.....ATTACAGCATGAGCCACCG 2372

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 1658 seqs, 38970 residues
Total number of hits satisfying chosen parameters: 3316

Minimum DB seq length: 8
Maximum DB seq length: 100

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1669 summaries

Database : rnbp.db:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	88.8	3.7	100	1	US-09-764-891-5710
2	85.2	3.6	98	1	US-09-764-891-10070
3	85.2	3.6	98	1	US-09-764-891-10073
4	82.6	3.5	100	1	US-09-764-860-720
5	82.6	3.5	100	1	US-10-074-095-720
6	82.6	3.5	100	1	US-10-212-872-720
C 7	80.6	3.4	92	1	US-09-761-288-33
C 8	80.6	3.4	92	1	US-09-898-586-33
C 9	80.6	3.4	94	1	US-09-761-288-41
10	80.6	3.4	94	1	US-09-761-288-48
C 11	80.6	3.4	94	1	US-09-898-586-41
12	80.6	3.4	94	1	US-09-898-586-48
13	79	3.3	94	1	US-09-761-288-52
14	79	3.3	94	1	US-09-898-586-52
C 15	78.4	3.3	88	1	US-09-984-429-613
C 16	75.8	3.2	87	1	US-09-764-877-3775
C 17	75.8	3.2	87	1	US-10-242-515-3775
C 18	74.2	3.1	92	1	US-09-761-288-37
C 19	74.2	3.1	92	1	US-09-898-586-37
C 20	73	3.1	73	1	US-09-541-848-49
21	72.6	3.1	87	1	US-09-764-860-962
22	72.6	3.1	87	1	US-10-074-095-962
23	72.6	3.1	87	1	US-10-212-872-962
24	71	3.0	87	1	US-09-764-860-766
25	71	3.0	87	1	US-10-074-095-766
26	71	3.0	87	1	US-10-212-872-766
27	71	3.0	87	1	US-10-242-355-974
28	71	3.0	87	1	US-10-242-355-974
29	71	3.0	87	1	US-09-920-300A-1278
30	70.8	3.0	84	1	US-10-033-528-1278
31	70.8	3.0	84	1	US-10-099-926-1278
32	70.8	3.0	84	1	US-10-099-926-1278
33	69.4	2.9	87	1	US-09-764-887-607

34	69.4	2.9	87	1	US-09-764-887-608
35	69.4	2.9	87	1	US-09-764-887-610
C 36	69.4	2.9	87	1	US-09-764-869-1866
C 37	69.4	2.9	87	1	US-09-764-877-2829
C 38	69.4	2.9	87	1	US-09-764-877-2831
C 39	69.4	2.9	87	1	US-09-764-877-2832
40	69.4	2.9	87	1	US-09-764-891-5536
C 41	69.4	2.9	87	1	US-09-764-891-5537
C 42	69.4	2.9	87	1	US-09-764-891-10026
C 43	69.4	2.9	87	1	US-10-091-504-1866
44	69.4	2.9	87	1	US-10-073-961-607
45	69.4	2.9	87	1	US-10-073-961-608
46	69.4	2.9	87	1	US-10-073-961-610
47	69.4	2.9	87	1	US-10-227-577-1866
C 48	69.4	2.9	87	1	US-10-242-515-2829
C 49	69.4	2.9	87	1	US-10-242-515-2831
C 50	69.4	2.9	87	1	US-10-242-515-2832
51	68	2.9	68	1	US-10-758-307-74
C 52	64.4	2.7	80	1	US-10-457-839-27
53	60	2.5	60	1	US-09-908-975-12590
54	56.2	2.4	69	1	US-09-815-343-348
55	56.2	2.4	69	1	US-10-097-105-348
C 56	52	2.2	60	1	US-10-457-839-26
57	51.6	2.2	66	1	US-09-764-887-575
58	51.6	2.2	66	1	US-10-073-961-575
59	50	2.1	50	1	US-09-920-300A-1171
C 60	46.8	2.0	59	1	US-10-131-827-4749
C 61	46.8	2.0	59	1	US-10-033-528-1171
C 62	46.8	2.0	59	1	US-10-099-926-1171
63	46.6	2.0	47	1	US-10-349-143-3882
64	46.6	2.0	47	1	US-10-349-143-3882
C 65	46.2	1.9	51	1	US-10-813-638-152
C 66	44.2	1.9	49	1	US-10-457-839-25
C 67	44.2	1.9	51	1	US-09-922-225A-62
C 68	42.6	1.8	47	1	US-10-170-097-659
C 69	42.6	1.8	49	1	US-09-860-670-233
C 70	42.6	1.8	49	1	US-10-227-646-233
C 71	42.6	1.8	51	1	US-09-922-225A-52
C 72	42.4	1.8	47	1	US-10-349-143-646
C 73	41.4	1.7	51	1	US-10-813-638-67
C 74	40.6	1.7	41	1	US-10-035-833A-743
C 75	40.6	1.7	41	1	US-10-035-833A-6334
C 76	40.4	1.7	51	1	US-10-393-815-32
C 77	40	1.7	51	1	US-09-922-225A-20
C 78	39.8	1.7	51	1	US-10-813-638-103
C 79	39.2	1.7	44	1	US-10-457-839-24
C 80	39	1.6	49	1	US-10-457-839-15
C 81	37.8	1.6	42	1	US-10-457-839-3
C 82	37.4	1.6	41	1	US-10-035-833A-382
C 83	37.4	1.6	41	1	US-10-035-833A-742
C 84	37.4	1.6	41	1	US-10-035-833A-944
C 85	37.4	1.6	41	1	US-10-035-833A-6333
C 86	37.4	1.6	41	1	US-10-035-833A-6813
C 87	37.4	1.6	41	1	US-10-035-833A-6954
C 88	37	1.6	42	1	US-10-349-143-2999
C 89	36.2	1.5	47	1	US-10-457-839-1
C 90	35.4	1.5	45	1	US-09-764-887-517
C 91	35.4	1.5	45	1	US-09-764-891-5621
C 92	35.4	1.5	45	1	US-10-073-961-517
C 93	34.8	1.5	41	1	US-10-035-833A-2976
C 94	34.8	1.5	41	1	US-10-035-833A-5139
C 95	34.6	1.5	41	1	US-10-453-827-56
C 96	34.2	1.4	39	1	US-10-198-069-47
C 97	34.2	1.4	41	1	US-10-035-833A-383
C 98	34.2	1.4	41	1	US-10-035-833A-6414
C 99	34	1.4	42	1	US-10-198-069-33
C 100	33.6	1.4	41	1	US-10-035-833A-2577
C 101	33	1.4	41	1	US-10-453-827-203
C 102	32.6	1.4	41	1	US-10-035-833A-901
C 103	32.6	1.4	41	1	US-10-035-833A-6909
C 104	32	1.3	41	1	US-10-277-216-276
C 105	32	1.3	41	1	US-10-126-022-276
C 106	31.6	1.3	41	1	US-10-035-833A-358

Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, App	Sequence 5537, App	Sequence 10026, App	Sequence 1866, App	Sequence 607, App	Sequence 608, App	Sequence 610, App	Sequence 1866, App	Sequence 2829, App	Sequence 2831, App	Sequence 2832, App	Sequence 5536, 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c 107	31.6	1.3	41	1	US-10-035-833A-6509	Sequence 5509, Ap	180	22.8	1.0	29	1	US-10-336-638-697	Sequence 697, App
c 108	31	1.3	40	1	US-10-035-833A-5315	Sequence 5315, Ap	181	22.6	1.0	30	1	US-10-085-906-155	Sequence 155, App
c 109	31	1.3	41	1	US-10-035-833A-33	Sequence 33, Appl	182	22.4	0.9	24	1	US-10-745-377-59	Sequence 59, Appl
c 110	31	1.3	41	1	US-10-035-833A-3909	Sequence 3909, Ap	183	22.4	0.9	24	1	US-10-872-113-59	Sequence 59, Appl
c 111	31	1.3	41	1	US-10-035-833A-6186	Sequence 6186, Ap	184	22.4	0.9	25	1	US-10-394-485-10	Sequence 10, Appl
c 112	31	1.3	41	1	US-10-035-833A-7054	Sequence 7054, Ap	185	22.2	0.9	29	1	US-10-336-638-183	Sequence 183, App
c 113	30.8	1.3	36	1	US-10-353-033-11	Sequence 11, Appl	186	22.2	0.9	29	1	US-10-336-638-209	Sequence 209, App
c 114	28.8	1.3	32	1	US-10-198-069-36	Sequence 36, Appl	187	22.2	0.9	29	1	US-10-336-638-210	Sequence 210, App
c 115	28.8	1.2	32	1	US-09-764-887-551	Sequence 551, App	188	22.2	0.9	29	1	US-10-336-638-686	Sequence 686, App
c 116	28.8	1.2	30	1	US-10-073-961-551	Sequence 551, App	189	22.2	0.9	29	1	US-10-336-638-696	Sequence 696, App
c 117	28.4	1.2	30	1	US-10-415-247-14	Sequence 14, Appl	190	22.2	0.9	29	1	US-10-336-638-700	Sequence 700, App
c 118	28.4	1.2	30	1	US-10-415-247-15	Sequence 15, Appl	191	22.2	0.9	29	1	US-10-336-638-863	Sequence 863, App
c 119	28.4	1.2	32	1	US-10-091-281-140	Sequence 140, App	192	22	0.9	22	1	US-09-242-772-2	Sequence 2, Appl
c 120	28.4	1.2	32	1	US-10-091-281-359	Sequence 359, App	193	22	0.9	22	1	US-09-884-898-3	Sequence 3, Appl
c 121	28	1.2	28	1	US-09-225-201-27	Sequence 27, Appl	194	22	0.9	22	1	US-10-340-101-3	Sequence 3, Appl
c 122	28	1.2	28	1	US-09-225-201-28	Sequence 28, Appl	195	22	0.9	22	1	US-10-446-241-3	Sequence 3, Appl
c 123	27.8	1.2	33	1	US-09-764-891-9495	Sequence 9495, Ap	196	22	0.9	22	1	US-10-452-510-275	Sequence 275, App
c 124	27.8	1.2	33	1	US-10-091-414-338	Sequence 338, App	197	22	0.9	22	1	US-10-617-334-275	Sequence 275, App
c 125	27	1.1	29	1	US-10-336-638-196	Sequence 196, App	198	22	0.9	22	1	US-10-744-465-275	Sequence 275, App
c 126	27	1.1	29	1	US-10-336-638-513	Sequence 513, App	199	22	0.9	22	1	US-10-833-679-275	Sequence 275, App
c 127	27	1.1	29	1	US-10-336-638-571	Sequence 571, App	200	22	0.9	22	1	US-10-746-547-81	Sequence 81, Appl
c 128	26.8	1.1	32	1	US-10-091-281-317	Sequence 317, App	201	22	0.9	23	1	US-10-010-802-391	Sequence 391, App
c 129	26	1.1	26	1	US-09-752-983-270	Sequence 270, App	202	22	0.9	24	1	US-10-293-048-12	Sequence 12, Appl
c 130	26	1.1	26	1	US-10-006-922-19	Sequence 19, Appl	203	22	0.9	29	1	US-10-336-638-181	Sequence 181, App
c 131	26	1.1	26	1	US-10-005-344-270	Sequence 270, App	204	22	0.9	29	1	US-10-336-638-509	Sequence 509, App
c 132	26	1.1	29	1	US-10-336-638-503	Sequence 503, App	205	21.4	0.9	23	1	US-10-051-874-260	Sequence 260, App
c 133	25.4	1.1	29	1	US-10-336-638-156	Sequence 156, App	206	21.4	0.9	23	1	US-10-374-077-30	Sequence 30, Appl
c 134	25.4	1.1	29	1	US-10-336-638-195	Sequence 195, App	207	21.4	0.9	24	1	US-10-282-174-419	Sequence 419, App
c 135	25.4	1.1	29	1	US-10-336-638-512	Sequence 512, App	208	21.4	0.9	25	1	US-09-888-056A-15	Sequence 15, Appl
c 136	25.4	1.1	29	1	US-10-336-638-705	Sequence 705, App	209	21	0.9	21	1	US-09-752-983-269	Sequence 269, App
c 137	25.4	1.1	32	1	US-09-214-371-69	Sequence 69, Appl	210	21	0.9	21	1	US-09-740-668A-53	Sequence 53, Appl
c 138	25.2	1.1	30	1	US-10-085-906-125	Sequence 125, App	211	21	0.9	21	1	US-09-541-848-22	Sequence 22, Appl
c 139	25.2	1.1	30	1	US-10-085-906-145	Sequence 145, App	212	21	0.9	21	1	US-09-541-848-44	Sequence 44, Appl
c 140	25.2	1.1	30	1	US-10-085-906-239	Sequence 239, App	213	21	0.9	21	1	US-10-006-922-20	Sequence 20, Appl
c 141	25	1.1	25	1	US-09-752-983-271	Sequence 271, App	214	21	0.9	21	1	US-10-005-344-269	Sequence 269, App
c 142	25	1.1	25	1	US-09-837-149-4	Sequence 4, Appl	215	21	0.9	21	1	US-10-786-720-13156	Sequence 13156, A
c 143	25	1.1	25	1	US-10-005-344-271	Sequence 271, App	216	21	0.9	21	1	US-10-786-720-13159	Sequence 13159, A
c 144	25	1.1	29	1	US-10-336-638-703	Sequence 703, App	217	21	0.9	21	1	US-10-786-720-13225	Sequence 13225, A
c 145	24.8	1.0	30	1	US-10-085-906-236	Sequence 236, App	218	21	0.9	21	1	US-10-786-720-13228	Sequence 13228, A
c 146	24.4	1.0	29	1	US-10-336-638-193	Sequence 193, App	219	21	0.9	21	1	US-10-786-720-13231	Sequence 13231, A
c 147	24.4	1.0	29	1	US-10-336-638-698	Sequence 698, App	220	21	0.9	21	1	US-10-786-720-13234	Sequence 13234, A
c 148	24.4	1.0	29	1	US-10-336-638-704	Sequence 704, App	221	21	0.9	21	1	US-10-786-720-13243	Sequence 13243, A
c 149	24.2	1.0	29	1	US-09-044-602-1	Sequence 1, Appl	222	21	0.9	22	1	US-10-745-377-199	Sequence 199, App
c 150	24.2	1.0	29	1	US-10-424-630-1	Sequence 1, Appl	223	21	0.9	22	1	US-10-872-113-199	Sequence 199, App
c 151	24.2	1.0	30	1	US-10-085-906-14	Sequence 14, Appl	224	20.8	0.9	24	1	US-09-861-925-55	Sequence 55, Appl
c 152	24	1.0	27	1	US-10-746-547-75	Sequence 75, Appl	225	20.8	0.9	24	1	US-10-233-032A-55	Sequence 55, Appl
c 153	24	1.0	27	1	US-08-214-371-71	Sequence 71, Appl	226	20.8	0.9	24	1	US-10-269-021B-3	Sequence 3, Appl
c 154	24	1.0	29	1	US-10-336-638-706	Sequence 706, App	227	20.8	0.9	24	1	US-10-745-377-14	Sequence 14, Appl
c 155	23.8	1.0	29	1	US-10-336-638-79	Sequence 79, Appl	228	20.8	0.9	24	1	US-10-745-377-62	Sequence 62, Appl
c 156	23.8	1.0	29	1	US-10-336-638-158	Sequence 158, App	229	20.8	0.9	24	1	US-10-872-113-14	Sequence 14, Appl
c 157	23.8	1.0	29	1	US-10-336-638-185	Sequence 185, App	230	20.8	0.9	24	1	US-10-872-113-62	Sequence 62, Appl
c 158	23.8	1.0	29	1	US-10-336-638-514	Sequence 514, App	231	20.8	0.9	27	1	US-10-440-066-18	Sequence 18, Appl
c 159	23.8	1.0	29	1	US-10-336-638-589	Sequence 589, App	232	20.6	0.9	27	1	US-10-198-069-35	Sequence 35, Appl
c 160	23.8	1.0	29	1	US-10-336-638-685	Sequence 685, App	233	20.4	0.9	22	1	US-09-918-686-90	Sequence 90, Appl
c 161	23.8	1.0	30	1	US-10-085-906-41	Sequence 41, Appl	234	20.4	0.9	22	1	US-09-318-686-94	Sequence 94, Appl
c 162	23.6	1.0	30	1	US-10-085-906-65	Sequence 65, Appl	235	20.4	0.9	22	1	US-10-002-623-755	Sequence 755, App
c 163	23.6	1.0	30	1	US-10-085-906-77	Sequence 77, Appl	236	20.4	0.9	22	1	US-10-002-623-758	Sequence 758, App
c 164	23.6	1.0	30	1	US-10-085-906-95	Sequence 95, Appl	237	20.4	0.9	22	1	US-10-002-623-761	Sequence 761, App
c 165	23.6	1.0	30	1	US-10-085-906-188	Sequence 188, App	238	20.4	0.9	22	1	US-10-353-150-90	Sequence 90, Appl
c 166	23.4	1.0	25	1	US-09-932-665-179	Sequence 179, App	239	20.4	0.9	22	1	US-10-353-150-94	Sequence 94, Appl
c 167	23.4	1.0	25	1	US-10-085-906-524	Sequence 524, App	240	20.4	0.9	22	1	US-10-452-510-274	Sequence 274, App
c 168	23.4	1.0	25	1	US-10-072-012-321	Sequence 321, App	241	20.4	0.9	22	1	US-10-617-334-274	Sequence 274, App
c 169	23.4	1.0	26	1	US-10-085-906-400	Sequence 400, App	242	20.4	0.9	22	1	US-10-744-465-274	Sequence 274, App
c 170	23.2	1.0	29	1	US-10-483-958-78	Sequence 78, Appl	243	20.4	0.9	22	1	US-10-833-679-274	Sequence 274, App
c 171	23	1.0	23	1	US-09-894-898-4	Sequence 4, Appl	244	20.2	0.9	26	1	US-10-457-819-30	Sequence 30, Appl
c 172	23	1.0	23	1	US-10-340-101-4	Sequence 4, Appl	245	20	0.8	20	1	US-09-752-983-3	Sequence 3, Appl
c 173	23	1.0	23	1	US-10-446-241-4	Sequence 4, Appl	246	20	0.8	20	1	US-09-752-983-4	Sequence 4, Appl
c 174	23	1.0	23	1	US-10-758-307-331	Sequence 331, App	247	20	0.8	20	1	US-09-752-983-5	Sequence 5, Appl
c 175	23	1.0	23	1	US-10-758-307-332	Sequence 332, App	248	20	0.8	20	1	US-09-752-983-6	Sequence 6, Appl
c 176	23	1.0	24	1	US-10-269-021B-10	Sequence 10, Appl	249	20	0.8	20	1	US-09-752-983-7	Sequence 7, Appl
c 177	23	1.0	26	1	US-10-793-389-11	Sequence 11, Appl	250	20	0.8	20	1	US-09-752-983-8	Sequence 8, Appl
c 178	22.8	1.0	26	1	US-10-172-741-10	Sequence 10, Appl	251	20	0.8	20	1	US-09-752-983-9	Sequence 9, Appl
c 179	22.8	1.0	29	1	US-10-336-638-511	Sequence 511, App	252	20	0.8	20	1	US-09-752-983-10	Sequence 10, Appl

C 837	20	0.8	20	1	US-10-005-344-279	Sequence 279, App	910	20	0.8	21	1	US-10-751-736-24010	Sequence 24010, A
C 838	20	0.8	20	1	US-10-005-344-280	Sequence 280, App	911	20	0.8	22	1	US-09-958-635A-27	Sequence 27, Appl
C 839	20	0.8	20	1	US-10-005-344-281	Sequence 281, App	C 912	19.6	0.8	26	1	US-09-740-668A-55	Sequence 55, Appl
C 840	20	0.8	20	1	US-10-005-344-282	Sequence 282, App	C 913	19.6	0.8	26	1	US-09-898-779-33	Sequence 33, Appl
C 841	20	0.8	20	1	US-10-005-344-283	Sequence 283, App	C 914	19.6	0.8	26	1	US-09-939-853A-111	Sequence 111, App
C 842	20	0.8	20	1	US-10-005-344-284	Sequence 284, App	C 915	19.6	0.8	26	1	US-10-092-900A-464	Sequence 464, App
C 843	20	0.8	20	1	US-10-005-344-285	Sequence 285, App	916	19.4	0.8	21	1	US-09-998-425-61	Sequence 61, Appl
C 844	20	0.8	20	1	US-10-005-344-286	Sequence 286, App	917	19.4	0.8	21	1	US-09-997-977-61	Sequence 61, Appl
C 845	20	0.8	20	1	US-10-005-344-287	Sequence 287, App	918	19.4	0.8	21	1	US-10-032-495-40	Sequence 40, Appl
C 846	20	0.8	20	1	US-10-005-344-288	Sequence 288, App	C 919	19.4	0.8	21	1	US-10-255-434-7	Sequence 7, Appl
C 847	20	0.8	20	1	US-10-005-344-289	Sequence 289, App	920	19.4	0.8	21	1	US-10-255-434-19	Sequence 19, Appl
C 848	20	0.8	20	1	US-10-005-344-290	Sequence 290, App	921	19.4	0.8	21	1	US-10-002-623-736	Sequence 736, App
C 849	20	0.8	20	1	US-10-005-344-291	Sequence 291, App	C 922	19.4	0.8	21	1	US-10-091-281-241	Sequence 241, App
C 850	20	0.8	20	1	US-10-005-344-292	Sequence 292, App	923	19.4	0.8	21	1	US-10-722-689A-18	Sequence 18, Appl
C 851	20	0.8	20	1	US-10-005-344-293	Sequence 293, App	C 924	19.4	0.8	21	1	US-10-786-720-13162	Sequence 13162, A
C 852	20	0.8	20	1	US-10-005-344-294	Sequence 294, App	C 925	19.4	0.8	21	1	US-10-786-720-13237	Sequence 13237, A
C 853	20	0.8	20	1	US-10-005-344-295	Sequence 295, App	C 926	19.4	0.8	21	1	US-10-786-720-13240	Sequence 13240, A
C 854	20	0.8	20	1	US-10-005-344-296	Sequence 296, App	C 927	19.4	0.8	21	1	US-10-786-720-13246	Sequence 13246, A
C 855	20	0.8	20	1	US-10-005-344-297	Sequence 297, App	C 928	19.4	0.8	21	1	US-10-786-720-14251	Sequence 14251, A
C 856	20	0.8	20	1	US-10-005-344-298	Sequence 298, App	C 929	19.4	0.8	21	1	US-10-786-720-20173	Sequence 20173, A
C 857	20	0.8	20	1	US-10-005-344-299	Sequence 299, App	C 930	19.4	0.8	21	1	US-10-786-720-20374	Sequence 20374, A
C 858	20	0.8	20	1	US-10-005-344-300	Sequence 300, App	C 931	19.4	0.8	21	1	US-10-751-736-42412	Sequence 42412, A
C 859	20	0.8	20	1	US-10-005-344-301	Sequence 301, App	C 932	19.4	0.8	21	1	US-10-751-736-42415	Sequence 42415, A
C 860	20	0.8	20	1	US-10-005-344-302	Sequence 302, App	C 933	19.4	0.8	21	1	US-10-751-736-42862	Sequence 42862, A
C 861	20	0.8	20	1	US-10-005-344-303	Sequence 303, App	C 934	19.4	0.8	21	1	US-10-751-736-43678	Sequence 43678, A
C 862	20	0.8	20	1	US-10-005-344-304	Sequence 304, App	C 935	19.4	0.8	21	1	US-10-751-736-43679	Sequence 43679, A
C 863	20	0.8	20	1	US-10-005-344-305	Sequence 305, App	C 936	19.4	0.8	21	1	US-10-751-736-43813	Sequence 43813, A
C 864	20	0.8	20	1	US-10-005-344-306	Sequence 306, App	C 937	19.4	0.8	22	1	US-09-989-420-50	Sequence 50, Appl
C 865	20	0.8	20	1	US-10-005-344-307	Sequence 307, App	C 938	19.4	0.8	23	1	US-10-435-696-244	Sequence 244, App
C 866	20	0.8	20	1	US-10-005-344-308	Sequence 308, App	C 939	19.2	0.8	24	1	US-09-754-106-122	Sequence 122, App
C 867	20	0.8	20	1	US-10-005-344-309	Sequence 309, App	940	19.2	0.8	24	1	US-10-745-377-17	Sequence 17, Appl
C 868	20	0.8	20	1	US-10-005-344-310	Sequence 310, App	941	19.2	0.8	24	1	US-10-872-113-17	Sequence 17, Appl
C 869	20	0.8	20	1	US-10-005-344-311	Sequence 311, App	C 942	19.2	0.8	25	1	US-10-793-389-12	Sequence 12, Appl
C 870	20	0.8	20	1	US-10-005-344-312	Sequence 312, App	C 943	19	0.8	19	1	US-10-016-490C-6	Sequence 6, Appl
C 871	20	0.8	20	1	US-10-005-344-313	Sequence 313, App	944	19	0.8	19	1	US-10-758-307-330	Sequence 330, App
C 872	20	0.8	20	1	US-10-005-344-314	Sequence 314, App	C 945	19	0.8	20	1	US-10-005-344-342	Sequence 342, App
C 873	20	0.8	20	1	US-10-005-344-315	Sequence 315, App	C 946	19	0.8	20	1	US-10-671-395-695	Sequence 695, App
C 874	20	0.8	20	1	US-10-005-344-316	Sequence 316, App	C 947	19	0.8	20	1	US-10-671-395-1455	Sequence 1455, Ap
C 875	20	0.8	20	1	US-10-005-344-317	Sequence 317, App	C 948	19	0.8	21	1	US-10-786-720-13157	Sequence 13157, A
C 876	20	0.8	20	1	US-10-005-344-318	Sequence 318, App	C 949	19	0.8	21	1	US-10-786-720-13160	Sequence 13160, A
C 877	20	0.8	20	1	US-10-005-344-319	Sequence 319, App	C 950	19	0.8	21	1	US-10-786-720-13226	Sequence 13226, A
C 878	20	0.8	20	1	US-10-005-344-322	Sequence 322, App	C 951	19	0.8	21	1	US-10-786-720-13232	Sequence 13232, A
C 879	20	0.8	20	1	US-10-005-344-355	Sequence 355, App	C 952	19	0.8	21	1	US-10-786-720-13235	Sequence 13235, A
C 880	20	0.8	20	1	US-10-148-355A-71	Sequence 71, Appl	C 953	19	0.8	21	1	US-10-786-720-20174	Sequence 20174, A
C 881	20	0.8	20	1	US-10-181-875-62	Sequence 62, Appl	C 954	19	0.8	21	1	US-10-786-720-20175	Sequence 20175, A
C 882	20	0.8	20	1	US-10-174-460-78	Sequence 78, Appl	C 955	19	0.8	21	1	US-10-786-720-20442	Sequence 20442, A
C 883	20	0.8	20	1	US-10-189-267-87	Sequence 87, Appl	C 956	19	0.8	21	1	US-10-751-736-5086	Sequence 5086, Ap
C 884	20	0.8	20	1	US-10-189-267-222	Sequence 222, App	C 957	19	0.8	21	1	US-10-751-736-24011	Sequence 24011, A
C 885	20	0.8	20	1	US-10-303-165-80	Sequence 80, Appl	C 958	19	0.8	25	1	US-10-196-095-51	Sequence 51, Appl
C 886	20	0.8	20	1	US-10-671-395-464	Sequence 464, App	C 959	18.8	0.8	25	1	US-10-240-046A-12	Sequence 12, Appl
C 887	20	0.8	20	1	US-10-671-395-581	Sequence 581, App	C 960	18.4	0.8	20	1	US-09-752-983-27	Sequence 27, Appl
C 888	20	0.8	20	1	US-10-671-395-669	Sequence 669, App	C 961	18.4	0.8	20	1	US-09-834-700-9	Sequence 9, Appl
C 889	20	0.8	20	1	US-10-671-395-933	Sequence 933, App	C 962	18.4	0.8	20	1	US-09-733-294A-82	Sequence 82, Appl
C 890	20	0.8	20	1	US-10-671-395-1145	Sequence 1145, Ap	C 963	18.4	0.8	20	1	US-09-795-380-12	Sequence 12, Appl
C 891	20	0.8	20	1	US-10-671-395-1347	Sequence 1347, Ap	C 964	18.4	0.8	20	1	US-09-263-959-1145	Sequence 1145, Ap
C 892	20	0.8	20	1	US-10-737-576-3	Sequence 3, Appl	C 965	18.4	0.8	20	1	US-09-263-959-1177	Sequence 1177, Ap
C 893	20	0.8	20	1	US-10-714-508-2	Sequence 2, Appl	C 966	18.4	0.8	20	1	US-09-851-771A-27	Sequence 27, Appl
C 894	20	0.8	20	1	US-10-746-547-74	Sequence 74, Appl	C 967	18.4	0.8	20	1	US-09-898-556A-88	Sequence 84, Appl
C 895	20	0.8	20	1	US-10-746-547-76	Sequence 76, Appl	C 968	18.4	0.8	20	1	US-09-898-556A-85	Sequence 85, Appl
C 896	20	0.8	20	1	US-10-746-547-77	Sequence 77, Appl	C 969	18.4	0.8	20	1	US-09-908-147-97	Sequence 97, Appl
C 897	20	0.8	20	1	US-10-746-547-78	Sequence 78, Appl	C 970	18.4	0.8	20	1	US-10-005-715-18	Sequence 18, Appl
C 898	20	0.8	20	1	US-10-746-547-79	Sequence 79, Appl	C 971	18.4	0.8	20	1	US-10-314-405-2	Sequence 2, Appl
C 899	20	0.8	20	1	US-10-746-547-80	Sequence 80, Appl	C 972	18.4	0.8	20	1	US-10-289-845-15	Sequence 15, Appl
C 900	20	0.8	21	1	US-10-786-720-13158	Sequence 13158, A	C 973	18.4	0.8	20	1	US-10-272-665-53	Sequence 53, Appl
C 901	20	0.8	21	1	US-10-786-720-13161	Sequence 13161, A	C 974	18.4	0.8	20	1	US-10-272-756-53	Sequence 53, Appl
C 902	20	0.8	21	1	US-10-786-720-13227	Sequence 13227, A	C 975	18.4	0.8	20	1	US-10-190-312A-169	Sequence 169, App
C 903	20	0.8	21	1	US-10-786-720-13229	Sequence 13229, A	C 976	18.4	0.8	20	1	US-10-005-344-27	Sequence 27, Appl
C 904	20	0.8	21	1	US-10-786-720-13230	Sequence 13230, A	C 977	18.4	0.8	20	1	US-10-005-344-326	Sequence 326, App
C 905	20	0.8	21	1	US-10-786-720-13233	Sequence 13233, A	C 978	18.4	0.8	20	1	US-10-005-344-348	Sequence 348, App
C 906	20	0.8	21	1	US-10-786-720-13236	Sequence 13236, A	C 979	18.4	0.8	20	1	US-10-005-344-349	Sequence 349, App
C 907	20	0.8	21	1	US-10-786-720-13246	Sequence 13246, A	C 980	18.4	0.8	20	1	US-10-005-344-350	Sequence 350, App
C 908	20	0.8	21	1	US-10-786-720-13245	Sequence 13245, A	C 981	18.4	0.8	20	1	US-10-005-344-353	Sequence 353, App
C 909	20	0.8	21	1	US-10-786-720-20440	Sequence 20440, A	C 982	18.4	0.8	20	1		

c 983	18.4	0.8	20	1	US-10-273-228-53	Sequence 53, Appl	c1056	17.8	0.8	21	1	US-10-005-956-386	Sequence 386, App
c 984	18.4	0.8	20	1	US-10-282-174-339	Sequence 339, App	1057	17.8	0.8	21	1	US-10-255-434-6	Sequence 6, Appl
c 985	18.4	0.8	20	1	US-10-172-911-80	Sequence 80, Appl	c1058	17.8	0.8	21	1	US-10-255-434-18	Sequence 18, Appl
c 986	18.4	0.8	20	1	US-10-189-268-71	Sequence 71, Appl	1059	17.8	0.8	21	1	US-10-255-434-25	Sequence 25, Appl
c 987	18.4	0.8	20	1	US-10-189-267-88	Sequence 88, Appl	c1060	17.8	0.8	21	1	US-10-353-150-87	Sequence 87, Appl
c 988	18.4	0.8	20	1	US-10-189-267-223	Sequence 223, App	c1061	17.8	0.8	21	1	US-10-298-215-10	Sequence 10, Appl
c 989	18.4	0.8	20	1	US-10-435-696-259	Sequence 259, App	c1062	17.8	0.8	21	1	US-10-786-720-13238	Sequence 13238, A
c 990	18.4	0.8	20	1	US-10-210-723-78	Sequence 78, Appl	1063	17.8	0.8	21	1	US-10-786-720-20455	Sequence 20455, A
c 991	18.4	0.8	20	1	US-10-210-723-136	Sequence 136, App	1064	17.8	0.8	21	1	US-10-786-720-20464	Sequence 20464, A
c 992	18.4	0.8	20	1	US-10-264-958B-2	Sequence 2, Appl	1065	17.8	0.8	21	1	US-10-751-736-4615	Sequence 4615, Ap
c 993	18.4	0.8	20	1	US-10-728-509-97	Sequence 97, Appl	c1066	17.8	0.8	21	1	US-10-751-736-42847	Sequence 42847, A
c 994	18.4	0.8	20	1	US-10-303-325-77	Sequence 77, Appl	c1067	17.8	0.8	21	1	US-10-751-736-42916	Sequence 42916, A
c 995	18.4	0.8	20	1	US-10-303-325-145	Sequence 145, App	c1068	17.8	0.8	22	1	US-10-436-523-23	Sequence 23, Appl
c 996	18.4	0.8	20	1	US-10-671-395-112	Sequence 112, App	c1069	17.4	0.7	19	1	US-09-988-626-100	Sequence 100, App
c 997	18.4	0.8	20	1	US-10-671-395-157	Sequence 157, App	c1070	17.4	0.7	19	1	US-09-988-687-100	Sequence 100, App
c 998	18.4	0.8	20	1	US-10-671-395-212	Sequence 212, App	c1071	17.4	0.7	19	1	US-09-988-686-100	Sequence 100, App
c 999	18.4	0.8	20	1	US-10-671-395-239	Sequence 239, App	c1072	17.4	0.7	19	1	US-10-251-598-86	Sequence 86, Appl
c1000	18.4	0.8	20	1	US-10-671-395-266	Sequence 266, App	c1073	17.4	0.7	19	1	US-10-204-2548-57	Sequence 57, Appl
c1001	18.4	0.8	20	1	US-10-671-395-350	Sequence 350, App	1074	17.4	0.7	19	1	US-10-455-552-62	Sequence 62, Appl
c1002	18.4	0.8	20	1	US-10-671-395-395	Sequence 395, App	c1075	17.4	0.7	19	1	US-10-455-552-66	Sequence 66, Appl
c1003	18.4	0.8	20	1	US-10-671-395-423	Sequence 423, App	c1076	17.4	0.7	19	1	US-10-676-154-3	Sequence 3, Appl
c1004	18.4	0.8	20	1	US-10-671-395-449	Sequence 449, App	1077	17.4	0.7	20	1	US-09-888-361-95	Sequence 95, Appl
c1005	18.4	0.8	20	1	US-10-671-395-582	Sequence 582, App	1078	17.4	0.7	20	1	US-09-888-361-95	Sequence 95, Appl
c1006	18.4	0.8	20	1	US-10-671-395-597	Sequence 597, App	c1079	17.4	0.7	20	1	US-09-996-292A-51	Sequence 51, Appl
c1007	18.4	0.8	20	1	US-10-671-395-632	Sequence 632, App	c1080	17.4	0.7	20	1	US-09-996-292A-52	Sequence 52, Appl
c1008	18.4	0.8	20	1	US-10-671-395-808	Sequence 808, App	c1081	17.4	0.7	20	1	US-10-322-334-12	Sequence 12, Appl
c1009	18.4	0.8	20	1	US-10-671-395-1371	Sequence 1371, Ap	c1082	17.4	0.7	20	1	US-10-143-266-28	Sequence 28, Appl
c1010	18.4	0.8	20	1	US-10-671-395-1496	Sequence 1496, Ap	c1083	17.4	0.7	20	1	US-10-010-002-86	Sequence 86, Appl
c1011	18.4	0.8	20	1	US-10-671-395-1740	Sequence 1740, Ap	c1084	17.4	0.7	20	1	US-10-013-295-51	Sequence 51, Appl
c1012	18.4	0.8	20	1	US-10-772-542-84	Sequence 84, Appl	c1085	17.4	0.7	20	1	US-10-013-295-52	Sequence 52, Appl
c1013	18.4	0.8	20	1	US-10-772-542-85	Sequence 85, Appl	1086	17.4	0.7	20	1	US-10-331-907-286	Sequence 286, App
c1014	18.4	0.8	21	1	US-09-770-107-83	Sequence 83, Appl	c1087	17.4	0.7	20	1	US-10-005-344-331	Sequence 331, App
c1015	18.4	0.8	21	1	US-10-085-906-415	Sequence 415, App	c1088	17.4	0.7	20	1	US-10-005-344-334	Sequence 334, App
c1016	18.4	0.8	21	1	US-10-165-099-338	Sequence 338, App	c1089	17.4	0.7	20	1	US-10-648-593-516	Sequence 516, App
c1017	18.4	0.8	21	1	US-10-786-720-13164	Sequence 13164, A	1090	17.4	0.7	20	1	US-10-744-831-86	Sequence 86, Appl
c1018	18.4	0.8	21	1	US-10-786-720-13239	Sequence 13239, A	c1091	17.4	0.7	20	1	US-10-671-395-232	Sequence 232, App
c1019	18.4	0.8	21	1	US-10-786-720-13242	Sequence 13242, A	c1092	17.4	0.7	20	1	US-10-671-395-383	Sequence 383, App
c1020	18.4	0.8	21	1	US-10-786-720-13248	Sequence 13248, A	c1093	17.4	0.7	20	1	US-10-671-395-422	Sequence 422, App
c1021	18.4	0.8	21	1	US-10-786-720-14253	Sequence 14253, A	c1094	17.4	0.7	20	1	US-10-671-395-515	Sequence 515, App
c1022	18.4	0.8	21	1	US-10-786-720-20171	Sequence 20171, A	c1095	17.4	0.7	20	1	US-10-671-395-667	Sequence 667, App
c1023	18.4	0.8	21	1	US-10-786-720-20230	Sequence 20230, A	c1096	17.4	0.7	20	1	US-10-671-395-678	Sequence 678, App
c1024	18.4	0.8	21	1	US-10-786-720-20232	Sequence 20232, A	c1097	17.4	0.7	20	1	US-10-671-395-1112	Sequence 1112, Ap
c1025	18.4	0.8	21	1	US-10-786-720-20375	Sequence 20375, A	c1098	17.4	0.7	20	1	US-10-671-395-1432	Sequence 1432, Ap
c1026	18.4	0.8	21	1	US-10-786-720-20376	Sequence 20376, A	c1099	17.4	0.7	20	1	US-10-671-395-1544	Sequence 1544, Ap
c1027	18.4	0.8	21	1	US-10-751-736-5089	Sequence 5089, Ap	c1100	17.4	0.7	20	1	US-10-731-739-582	Sequence 582, App
c1028	18.4	0.8	21	1	US-10-751-736-42863	Sequence 42863, A	c1101	17.4	0.7	20	1	US-10-477-238A-582	Sequence 582, App
c1029	18.4	0.8	21	1	US-10-751-736-43814	Sequence 43814, A	c1102	17.4	0.7	20	1	US-10-680-287A-582	Sequence 582, App
c1030	18.4	0.8	24	1	US-09-784-423-80	Sequence 80, Appl	c1103	17.4	0.7	20	1	US-10-476-991-18	Sequence 18, Appl
c1031	18.4	0.8	24	1	US-10-812-238A-34	Sequence 34, Appl	c1104	17.4	0.7	20	1	US-10-890-685-28	Sequence 28, Appl
c1032	18.2	0.8	19	1	US-08-728-552-1	Sequence 1, Appl	c1105	17.4	0.7	21	1	US-10-374-077-28	Sequence 28, Appl
c1033	18.2	0.8	19	1	US-10-463-981B-1	Sequence 1, Appl	c1106	17.4	0.7	21	1	US-10-786-720-13163	Sequence 13163, A
c1034	18.2	0.8	23	1	US-08-913-322-16	Sequence 16, Appl	c1107	17.4	0.7	21	1	US-10-786-720-13241	Sequence 13241, A
c1035	18.2	0.8	23	1	US-10-731-739-167	Sequence 167, App	c1108	17.4	0.7	21	1	US-10-786-720-13247	Sequence 13247, A
c1036	18.2	0.8	23	1	US-10-477-238A-167	Sequence 167, App	c1109	17.4	0.7	21	1	US-10-786-720-14252	Sequence 14252, A
c1037	18.2	0.8	23	1	US-10-680-287A-167	Sequence 167, App	c1110	17.4	0.7	21	1	US-10-786-720-20170	Sequence 20170, A
c1038	18.2	0.8	24	1	US-08-784-423-96	Sequence 96, Appl	c1111	17.4	0.7	21	1	US-10-786-720-20172	Sequence 20172, A
c1039	18.2	0.8	24	1	US-10-323-463-12	Sequence 12, Appl	c1112	17.4	0.7	21	1	US-10-786-720-20231	Sequence 20231, A
c1040	18.2	0.8	24	1	US-10-309-775A-33	Sequence 33, Appl	c1113	17.4	0.7	21	1	US-10-751-736-42413	Sequence 42413, A
c1041	18	0.8	18	1	US-09-935-223-9	Sequence 9, Appl	c1114	17.4	0.7	21	1	US-10-751-736-42416	Sequence 42416, A
c1042	18	0.8	18	1	US-09-044-602-2	Sequence 2, Appl	c1115	17.4	0.7	23	1	US-10-467-019-13	Sequence 13, Appl
c1043	18	0.8	18	1	US-10-424-630-2	Sequence 2, Appl	c1116	17.4	0.7	87	1	US-09-764-891-5536	Sequence 5536, Ap
c1044	18	0.8	19	1	US-10-098-871-37	Sequence 37, Appl	c1117	17.4	0.7	87	1	US-09-764-891-5537	Sequence 5537, Ap
c1045	18	0.8	19	1	US-10-636-065-98	Sequence 98, Appl	c1118	17.2	0.7	22	1	US-10-075-425-28	Sequence 28, Appl
c1046	18	0.8	20	1	US-09-993-731-22	Sequence 22, Appl	c1119	17.2	0.7	22	1	US-10-210-130-308	Sequence 308, App
c1047	18	0.8	20	1	US-10-671-395-1032	Sequence 1032, Ap	c1120	17.2	0.7	22	1	US-10-655-579-35	Sequence 35, Appl
c1048	18	0.8	20	1	US-10-786-720-20441	Sequence 20441, A	c1121	17.2	0.7	22	1	US-10-795-667-120	Sequence 120, App
c1049	18	0.8	21	1	US-10-751-736-5087	Sequence 5087, Ap	c1122	17.2	0.7	22	1	US-10-797-333A-48	Sequence 48, Appl
c1050	18	0.8	22	1	US-08-974-546-87	Sequence 87, Appl	c1123	17.2	0.7	22	1	US-10-483-958-24	Sequence 24, Appl
c1051	18	0.8	22	1	US-09-996-292A-50	Sequence 50, Appl	c1124	17	0.7	17	1	US-09-242-772-1	Sequence 1, Appl
c1052	18	0.8	22	1	US-10-013-295-50	Sequence 50, Appl	c1125	17	0.7	17	1	US-09-902-214-75	Sequence 75, Appl
c1053	17.8	0.8	21	1	US-08-918-686-87	Sequence 87, Appl	1126	17	0.7	17	1	US-10-156-306-574	Sequence 574, App
c1054	17.8	0.8	21	1	US-10-085-906-401	Sequence 401, App	1127	17	0.7	17	1	US-10-156-306-1672	Sequence 1672, Ap
c1055	17.8	0.8	21	1	US-10-085-906-474	Sequence 474, App	1128	17	0.7	17	1	US-10-156-306-1673	Sequence 1673, Ap

1275	16.4	0.7	21	1	US-10-786-720-13909	Sequence 13909, A	1348	16	0.7	19	1	US-10-045-072-34	Sequence 34, Appl
c1276	16.4	0.7	21	1	US-10-786-720-20188	Sequence 20188, A	1349	16	0.7	19	1	US-10-731-739-222	Sequence 222, App
1277	16.4	0.7	21	1	US-10-786-720-20236	Sequence 20236, A	1350	16	0.7	19	1	US-10-477-238A-222	Sequence 222, App
1278	16.4	0.7	21	1	US-10-786-720-20237	Sequence 20237, A	1351	16	0.7	19	1	US-10-680-287A-222	Sequence 222, App
c1279	16.4	0.7	21	1	US-10-786-720-20238	Sequence 20238, A	c1352	16	0.7	20	1	US-10-085-906-323	Sequence 323, App
1280	16.4	0.7	21	1	US-10-786-720-20243	Sequence 20243, A	c1353	16	0.7	20	1	US-10-007-078-81	Sequence 81, Appl
c1281	16.4	0.7	21	1	US-10-786-720-20244	Sequence 20244, A	c1354	16	0.7	20	1	US-10-148-355A-64	Sequence 64, Appl
1282	16.4	0.7	21	1	US-10-751-736-4120	Sequence 4120, Ap	c1355	16	0.7	21	1	US-10-786-720-20622	Sequence 20622, A
1283	16.4	0.7	21	1	US-10-751-736-4585	Sequence 4585, Ap	c1356	16	0.7	21	1	US-10-786-720-20627	Sequence 20627, A
1284	16.4	0.7	21	1	US-10-751-736-5090	Sequence 5090, Ap	c1357	16	0.7	21	1	US-10-751-736-23458	Sequence 23458, A
1285	16.4	0.7	21	1	US-10-751-736-23459	Sequence 23459, A	c1358	15.8	0.7	19	1	US-10-204-254A-15	Sequence 15, Appl
c1286	16.2	0.7	21	1	US-09-981-566A-137	Sequence 137, App	c1359	15.8	0.7	19	1	US-10-204-254A-64	Sequence 64, Appl
1287	16.2	0.7	21	1	US-10-132-080-25	Sequence 25, Appl	c1360	15.8	0.7	19	1	US-10-331-907-242	Sequence 242, App
1288	16.2	0.7	21	1	US-10-132-080-25	Sequence 25, Appl	c1361	15.8	0.7	19	1	US-10-740-266-1	Sequence 1, Appl
c1289	16.2	0.7	21	1	US-10-132-080-25	Sequence 25, Appl	c1362	15.8	0.7	20	1	US-09-784-423-120	Sequence 120, App
1290	16.2	0.7	21	1	US-10-085-906-475	Sequence 475, App	c1363	15.8	0.7	20	1	US-09-733-294A-75	Sequence 75, Appl
1291	16.2	0.7	21	1	US-10-100-556-25	Sequence 25, Appl	c1364	15.8	0.7	20	1	US-09-918-686-83	Sequence 83, Appl
1292	16.2	0.7	21	1	US-10-100-218-25	Sequence 25, Appl	c1365	15.8	0.7	20	1	US-09-800-631-52	Sequence 52, Appl
1293	16.2	0.7	21	1	US-10-134-296-25	Sequence 25, Appl	c1366	15.8	0.7	20	1	US-09-800-631-52	Sequence 52, Appl
1294	16.2	0.7	21	1	US-10-141-533-25	Sequence 25, Appl	c1367	15.8	0.7	20	1	US-09-899-569A-14	Sequence 14, Appl
1295	16.2	0.7	21	1	US-10-072-611-23	Sequence 23, Appl	c1368	15.8	0.7	20	1	US-09-962-059-2	Sequence 2, Appl
1296	16.2	0.7	21	1	US-10-135-185-25	Sequence 25, Appl	c1369	15.8	0.7	20	1	US-09-771-933-107	Sequence 107, App
1297	16.2	0.7	21	1	US-10-125-693-23	Sequence 23, Appl	c1370	15.8	0.7	20	1	US-09-998-716-7	Sequence 7, Appl
1298	16.2	0.7	21	1	US-10-128-560-58	Sequence 58, Appl	c1371	15.8	0.7	20	1	US-10-143-266-25	Sequence 25, Appl
1299	16.2	0.7	21	1	US-10-164-854-25	Sequence 25, Appl	c1372	15.8	0.7	20	1	US-10-143-266-25	Sequence 25, Appl
1300	16.2	0.7	21	1	US-10-087-996-25	Sequence 25, Appl	c1373	15.8	0.7	20	1	US-10-293-783-52	Sequence 52, Appl
1301	16.2	0.7	21	1	US-10-100-230-25	Sequence 25, Appl	c1374	15.8	0.7	20	1	US-10-353-150-83	Sequence 83, Appl
1302	16.2	0.7	21	1	US-10-100-230-25	Sequence 25, Appl	c1375	15.8	0.7	20	1	US-10-088-726-38	Sequence 38, Appl
1303	16.2	0.7	21	1	US-10-325-466-25	Sequence 25, Appl	c1376	15.8	0.7	20	1	US-10-210-951-140	Sequence 140, App
1304	16.2	0.7	21	1	US-10-151-467A-25	Sequence 25, Appl	c1377	15.8	0.7	20	1	US-10-211-884-140	Sequence 140, App
1305	16.2	0.7	21	1	US-10-165-099-339	Sequence 339, App	c1378	15.8	0.7	20	1	US-10-331-907-296	Sequence 296, App
1306	16.2	0.7	21	1	US-10-124-747-25	Sequence 25, Appl	c1379	15.8	0.7	20	1	US-10-005-344-325	Sequence 325, App
1307	16.2	0.7	21	1	US-10-307-204-25	Sequence 25, Appl	c1380	15.8	0.7	20	1	US-10-005-344-346	Sequence 346, App
1308	16.2	0.7	21	1	US-10-408-168-18	Sequence 18, Appl	c1381	15.8	0.7	20	1	US-10-005-344-347	Sequence 347, App
1309	16.2	0.7	21	1	US-10-607-848-25	Sequence 25, Appl	c1382	15.8	0.7	20	1	US-10-148-355A-63	Sequence 63, Appl
1310	16.2	0.7	21	1	US-10-307-210-25	Sequence 25, Appl	c1383	15.8	0.7	20	1	US-10-388-263-700	Sequence 700, App
1311	16.2	0.7	21	1	US-10-786-720-13912	Sequence 13912, A	c1384	15.8	0.7	20	1	US-10-159-834-20	Sequence 20, Appl
1312	16.2	0.7	21	1	US-10-786-720-13919	Sequence 20179, A	c1385	15.8	0.7	20	1	US-10-159-834-94	Sequence 94, Appl
1313	16.2	0.7	21	1	US-10-786-720-20179	Sequence 20362, A	c1386	15.8	0.7	20	1	US-10-399-214-48	Sequence 48, Appl
1314	16.2	0.7	21	1	US-10-786-720-20368	Sequence 20368, A	c1387	15.8	0.7	20	1	US-10-280-183A-550	Sequence 550, App
1315	16.2	0.7	21	1	US-10-786-720-20371	Sequence 20371, A	c1388	15.8	0.7	20	1	US-10-303-420-89	Sequence 89, Appl
1316	16.2	0.7	21	1	US-10-786-720-20456	Sequence 20456, A	c1389	15.8	0.7	20	1	US-10-671-395-456	Sequence 456, App
1317	16.2	0.7	21	1	US-10-751-736-4129	Sequence 4129, Ap	c1390	15.8	0.7	20	1	US-10-671-395-810	Sequence 810, App
1318	16.2	0.7	21	1	US-10-751-736-4609	Sequence 4609, Ap	c1391	15.8	0.7	20	1	US-10-671-395-837	Sequence 837, App
1319	16.2	0.7	21	1	US-10-751-736-4616	Sequence 4616, Ap	c1392	15.8	0.7	20	1	US-10-671-395-1334	Sequence 1334, Ap
1320	16.2	0.7	21	1	US-10-751-736-5110	Sequence 5110, Ap	c1393	15.8	0.7	20	1	US-10-671-395-1369	Sequence 1369, Ap
1321	16.2	0.7	21	1	US-10-751-736-23456	Sequence 23456, A	c1394	15.8	0.7	20	1	US-10-671-395-1416	Sequence 1416, Ap
1322	16.2	0.7	21	1	US-10-751-736-23636	Sequence 23636, A	c1395	15.8	0.7	20	1	US-10-671-395-1526	Sequence 1526, Ap
1323	16.2	0.7	21	1	US-10-751-736-23933	Sequence 23933, A	c1396	15.8	0.7	20	1	US-10-671-395-1551	Sequence 1551, Ap
1324	16.2	0.7	21	1	US-10-751-736-24004	Sequence 24004, A	c1397	15.8	0.7	20	1	US-10-671-395-1610	Sequence 1610, Ap
1325	16.2	0.7	21	1	US-10-751-736-41110	Sequence 41110, A	c1398	15.8	0.7	20	1	US-10-671-395-1614	Sequence 1614, Ap
c1326	16.2	0.7	21	1	US-10-751-736-42592	Sequence 42592, A	c1399	15.8	0.7	20	1	US-10-671-395-1772	Sequence 1772, Ap
c1327	16.2	0.7	21	1	US-10-751-736-43696	Sequence 43696, A	c1400	15.8	0.7	20	1	US-10-664-639A-37	Sequence 37, Appl
c1328	16.2	0.7	21	1	US-10-751-736-43822	Sequence 43822, A	c1401	15.8	0.7	20	1	US-10-476-021-96	Sequence 96, Appl
1329	16	0.7	16	1	US-09-739-909-8	Sequence 8, Appl	c1402	15.8	0.7	20	1	US-10-856-218A-7	Sequence 7, Appl
c1330	16	0.7	16	1	US-09-739-909-11	Sequence 11, Appl	c1403	15.8	0.7	20	1	US-10-890-685-25	Sequence 25, Appl
1331	16	0.7	16	1	US-10-124-038-44	Sequence 44, Appl	c1404	15.8	0.7	21	1	US-10-032-524-61	Sequence 61, Appl
c1332	16	0.7	16	1	US-10-092-885-40	Sequence 40, Appl	c1405	15.8	0.7	21	1	US-10-005-956-801	Sequence 801, App
1333	16	0.7	16	1	US-10-092-885-42	Sequence 42, Appl	c1406	15.8	0.7	21	1	US-10-005-956-802	Sequence 802, App
c1334	16	0.7	16	1	US-10-092-885-49	Sequence 49, Appl	c1407	15.8	0.7	21	1	US-10-005-956-1034	Sequence 1034, Ap
1335	16	0.7	16	1	US-10-478-019-124	Sequence 124, App	c1408	15.8	0.7	21	1	US-10-005-956-1035	Sequence 1035, Ap
c1336	16	0.7	17	1	US-09-898-779-91	Sequence 91, Appl	c1409	15.8	0.7	21	1	US-10-251-117-540	Sequence 540, App
1337	16	0.7	17	1	US-10-205-522-13	Sequence 13, Appl	c1410	15.8	0.7	21	1	US-10-251-117-544	Sequence 544, App
1338	16	0.7	17	1	US-10-156-306-537	Sequence 537, App	c1411	15.8	0.7	21	1	US-10-251-117-552	Sequence 552, App
1339	16	0.7	17	1	US-10-156-306-547	Sequence 547, App	c1412	15.8	0.7	21	1	US-10-136-728-129	Sequence 129, App
1340	16	0.7	17	1	US-10-156-306-1654	Sequence 1654, Ap	c1413	15.8	0.7	21	1	US-10-349-143-10751	Sequence 10751, A
1341	16	0.7	17	1	US-10-156-306-1659	Sequence 1659, Ap	c1414	15.8	0.7	21	1	US-10-349-143-11288	Sequence 11288, A
1342	16	0.7	17	1	US-10-156-306-1671	Sequence 1671, Ap	c1415	15.8	0.7	21	1	US-10-416-941-19	Sequence 19, Appl
1343	16	0.7	17	1	US-10-156-306-1712	Sequence 1712, Ap	c1416	15.8	0.7	21	1	US-10-627-253A-89	Sequence 89, Appl
1344	16	0.7	17	1	US-10-156-306-2890	Sequence 2890, Ap	c1417	15.8	0.7	21	1	US-10-627-253A-90	Sequence 90, Appl
1345	16	0.7	17	1	US-10-156-306-3777	Sequence 3777, Ap	c1418	15.8	0.7	21	1	US-10-786-720-2942	Sequence 2942, Ap
c1346	16	0.7	17	1	US-10-238-700-363	Sequence 363, App	c1419	15.8	0.7	21	1	US-10-786-720-3191	Sequence 3191, Ap
c1347	16	0.7	19	1	US-09-728-552-2	Sequence 2, Appl	c1420	15.8	0.7	21	1	US-10-786-720-11638	Sequence 11638, A

c1567	15.2	0.6	20	1	US-10-671-395-387	Sequence 987, App
c1568	15.2	0.6	20	1	US-10-671-395-1060	Sequence 1060, App
c1569	15.2	0.6	20	1	US-10-671-395-1224	Sequence 1224, App
c1570	15.2	0.6	20	1	US-10-671-395-1261	Sequence 1261, App
c1571	15.2	0.6	20	1	US-10-671-395-1269	Sequence 1269, App
c1572	15.2	0.6	20	1	US-10-671-395-1448	Sequence 1448, App
c1573	15.2	0.6	20	1	US-10-671-395-1453	Sequence 1453, App
c1574	15.2	0.6	20	1	US-10-671-395-1517	Sequence 1517, App
c1575	15.2	0.6	20	1	US-10-671-395-1562	Sequence 1562, App
c1576	15.2	0.6	20	1	US-10-671-395-1563	Sequence 1563, App
c1577	15.2	0.6	20	1	US-10-671-395-1630	Sequence 1630, App
c1578	15.2	0.6	20	1	US-10-671-395-1680	Sequence 1680, App
c1579	15.2	0.6	20	1	US-10-671-395-1713	Sequence 1713, App
c1580	15.2	0.6	20	1	US-10-671-395-1723	Sequence 1723, App
c1581	15.2	0.6	20	1	US-10-671-395-1736	Sequence 1736, App
c1582	15.2	0.6	20	1	US-10-671-395-1742	Sequence 1742, App
c1583	15.2	0.6	20	1	US-10-671-395-1745	Sequence 1745, App
c1584	15.2	0.6	20	1	US-10-671-395-1751	Sequence 1751, App
c1585	15.2	0.6	20	1	US-10-819-244-87	Sequence 87, Appl
c1586	15.2	0.6	20	1	US-10-819-244-89	Sequence 89, Appl
c1587	15.2	0.6	20	1	US-10-776-013-45	Sequence 45, Appl
c1588	15	0.6	15	1	US-10-010-802-81	Sequence 81, Appl
c1589	15	0.6	16	1	US-10-092-885-46	Sequence 46, Appl
c1590	15	0.6	16	1	US-10-092-885-48	Sequence 48, Appl
c1591	15	0.6	17	1	US-10-156-306-1660	Sequence 1660, App
c1592	15	0.6	17	1	US-10-156-306-1670	Sequence 1670, App
c1593	15	0.6	17	1	US-10-156-306-1674	Sequence 1674, App
c1594	15	0.6	17	1	US-10-156-306-2408	Sequence 2408, App
c1595	15	0.6	17	1	US-10-238-700-664	Sequence 664, App
c1596	15	0.6	17	1	US-10-238-700-698	Sequence 698, App
c1597	15	0.6	17	1	US-10-061-201-696	Sequence 696, App
c1598	15	0.6	17	1	US-10-061-201-697	Sequence 697, App
c1599	15	0.6	17	1	US-10-336-472-138	Sequence 138, App
c1600	15	0.6	18	1	US-10-255-434-9	Sequence 9, Appli
c1601	15	0.6	18	1	US-10-255-434-21	Sequence 21, Appl
c1602	15	0.6	18	1	US-10-108-260A-5312	Sequence 5312, Ap
c1603	15	0.6	20	1	US-10-007-078-84	Sequence 84, Appl
c1604	15	0.6	20	1	US-10-349-143-8216	Sequence 8216, Ap
c1605	15	0.6	20	1	US-10-671-395-1324	Sequence 1324, Ap
c1606	15	0.6	20	1	US-10-671-395-1390	Sequence 1390, Ap
c1607	15	0.6	20	1	US-10-671-395-1438	Sequence 1438, Ap
c1608	15	0.6	20	1	US-10-671-395-1511	Sequence 1511, Ap
c1609	15	0.6	20	1	US-10-671-395-1558	Sequence 1558, Ap
c1610	15	0.6	20	1	US-10-671-395-1568	Sequence 1568, Ap
c1611	14.8	0.6	18	1	US-09-784-423-69	Sequence 69, Appl
c1612	14.8	0.6	18	1	US-09-935-223-7	Sequence 7, Appli
c1613	14.8	0.6	18	1	US-09-982-262B-4	Sequence 4, Appli
c1614	14.8	0.6	18	1	US-10-351-951-71	Sequence 71, Appl
c1615	14.8	0.6	18	1	US-10-454-663-4	Sequence 4, Appli
c1616	14.8	0.6	18	1	US-10-627-757-40	Sequence 40, Appl
c1617	14.8	0.6	18	1	US-10-473-126-613	Sequence 613, App
c1618	14.8	0.6	19	1	US-09-784-423-64	Sequence 64, Appl
c1619	14.8	0.6	19	1	US-10-444-925-599	Sequence 599, App
c1620	14.8	0.6	19	1	US-10-636-065-128	Sequence 128, App
c1621	14.8	0.6	19	1	US-10-670-011-10	Sequence 10, Appl
c1622	14.8	0.6	19	1	US-10-670-011-106	Sequence 106, App
c1623	14.8	0.6	66	1	US-09-764-887-575	Sequence 575, App
c1624	14.8	0.6	66	1	US-10-073-961-575	Sequence 575, App
c1625	14.6	0.6	87	1	US-09-764-860-962	Sequence 962, App
c1626	14.6	0.6	87	1	US-10-074-095-962	Sequence 962, App
c1627	14.6	0.6	87	1	US-10-212-872-962	Sequence 962, App
c1628	14.4	0.6	16	1	US-09-739-909-4	Sequence 4, Appli
c1629	14.4	0.6	16	1	US-09-739-909-5	Sequence 5, Appli
c1630	14.4	0.6	16	1	US-09-739-909-6	Sequence 6, Appli
c1631	14.4	0.6	16	1	US-10-255-434-5	Sequence 5, Appli
c1632	14.4	0.6	16	1	US-10-255-434-17	Sequence 17, Appl
c1633	14.4	0.6	16	1	US-10-091-281-60	Sequence 60, Appl
c1634	14.4	0.6	16	1	US-10-092-885-43	Sequence 43, Appl
c1635	14.4	0.6	16	1	US-10-092-885-55	Sequence 55, Appl
c1636	14.4	0.6	17	1	US-09-866-108-7367	Sequence 7367, Ap
c1637	14.4	0.6	17	1	US-09-866-108-7369	Sequence 7369, Ap
c1638	14.4	0.6	17	1	US-09-776-474-380	Sequence 380, App
c1639	14.4	0.6	17	1	US-09-776-474-692	Sequence 692, App

ALIGNMENTS

RESULT 1

US-09-764-891-5710/c

; Sequence 5710, Application US/09764891

; Publication No. US20030077808A1

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

; FILE REFERENCE: PC006

; CURRENT APPLICATION NUMBER: US/09/764,891

; CURRENT FILING DATE: 2001-01-17

; Prior application data removed - consult PALM or file wrapper

; NUMBER OF SEQ ID NOS: 10231

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 5710

; LENGTH: 100

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-764-891-5710

Query Match 3.7%; Score 88.8; DB 1; Length 100;

Best Local Similarity 93.0%; Pred. No. 0.33;

Matches 93; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

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Db	100	TAGAGATGGTTTACCGGTTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCG	41

QY	2326	CCACCTCGGCTCCCAAGTGTGGGATTACAGGCATGA	2365
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US-09-764-891-10070

; Sequence 10070, Application US/09764891

; Publication No. US20030077808A1

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

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; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10070
; LENGTH: 98
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-10070

Query Match      3.6%; Score 85.2; DB 1; Length 98;
Best Local Similarity 91.8%; Pred. No. 0.51;
Matches 90; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 2268 GAGACAGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACTCGTGTATCGGCC 2327
Db 1 GAGATGGATTTCACCGAGTTAGCCAGGATGGTCTCGATCTCTGACTCGTGTATCGGCC 60

Qy 2328 CACCTCGGCTCCCAAGTGTGGATTACAGGCATGA 2365
Db 61 CACCTCGGCTCCCAAGTGTGGATTACAGGCATGA 98

RESULT 3
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; Sequence 10073, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10073
; LENGTH: 98
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-10073

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Best Local Similarity 91.8%; Pred. No. 0.51;
Matches 90; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 2268 GAGACAGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACTCGTGTATCGGCC 2327
Db 1 GAGATGGATTTCACCGAGTTAGCCAGGATGGTCTCGATCTCTGACTCGTGTATCGGCC 60

Qy 2328 CACCTCGGCTCCCAAGTGTGGATTACAGGCATGA 2365
Db 61 CACCTCGGCTCCCAAGTGTGGATTACAGGCATGA 98

RESULT 4
US-09-764-860-720
; Sequence 720, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 720
; LENGTH: 100
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-860-720

Query Match      3.5%; Score 82.6; DB 1; Length 100;
Best Local Similarity 90.7%; Pred. No. 0.69;
Matches 88; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 2264 AGTAGAGACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACTCGTGTATC 2323
Db 1 AGTAGAGATGGGGTTTACCGTGTGTGTCAGGATGGTCTCGATCTCTGACTCGTGTATC 60

Qy 2324 CGCCACCTCGGCTCCCAAGTGTGGATTACAGG 2360
Db 61 CTCGGCTCGGCTCCCAAGTGTGGATTACAGG 97

RESULT 5
US-10-074-095-720
; Sequence 720, Application US/10074095
; Publication No. US20030077704A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C1
; CURRENT APPLICATION NUMBER: US/10/074,095
; CURRENT FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 09/764,860
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29

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, PRIOR APPLICATION NUMBER: 60/224,519
, PRIOR FILING DATE: 2000-08-14
, PRIOR APPLICATION NUMBER: 60/220,964
, PRIOR FILING DATE: 2000-07-26
, PRIOR APPLICATION NUMBER: 60/241,809
, PRIOR FILING DATE: 2000-10-20
, PRIOR APPLICATION NUMBER: 60/249,299
, PRIOR FILING DATE: 2000-11-17
, PRIOR APPLICATION NUMBER: 60/236,327
, PRIOR FILING DATE: 2000-09-29
, PRIOR APPLICATION NUMBER: 60/241,785
, PRIOR FILING DATE: 2000-10-20
, PRIOR APPLICATION NUMBER: 60/244,617
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, PRIOR APPLICATION NUMBER: 60/229,343
, PRIOR FILING DATE: 2000-09-01
, PRIOR APPLICATION NUMBER: 60/229,345
, PRIOR FILING DATE: 2000-09-01
, PRIOR APPLICATION NUMBER: 60/229,287
, PRIOR FILING DATE: 2000-09-01
, PRIOR APPLICATION NUMBER: 60/229,513
, PRIOR FILING DATE: 2000-09-05
, PRIOR APPLICATION NUMBER: 60/231,413
, PRIOR FILING DATE: 2000-09-08
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, PRIOR FILING DATE: 2000-09-29
, PRIOR APPLICATION NUMBER: 60/237,039
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, PRIOR APPLICATION NUMBER: 60/236,370
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, PRIOR APPLICATION NUMBER: 60/239,935
, PRIOR FILING DATE: 2000-10-13
, PRIOR APPLICATION NUMBER: 60/239,937
, PRIOR FILING DATE: 2000-10-13
, PRIOR APPLICATION NUMBER: 60/241,787
, PRIOR FILING DATE: 2000-10-20
, PRIOR APPLICATION NUMBER: 60/246,474
, PRIOR FILING DATE: 2000-11-08
, PRIOR APPLICATION NUMBER: 60/246,532
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, PRIOR APPLICATION NUMBER: 60/249,216
, PRIOR FILING DATE: 2000-11-17
, PRIOR APPLICATION NUMBER: 60/249,210
, PRIOR FILING DATE: 2000-11-17
, PRIOR APPLICATION NUMBER: 60/226,681
, PRIOR FILING DATE: 2000-08-22
, PRIOR APPLICATION NUMBER: 60/225,759
, PRIOR FILING DATE: 2000-08-14
, PRIOR APPLICATION NUMBER: 60/225,213

Query Match 3.5%; Score 82.6; DB 1; Length 100;
Best Local Similarity 90.7%; Pred. No. 0.69;
Matches 88; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATC 2323
Db 1 AGTAGAGATGGGTTTCCACCGTGTGTGTCAGGATGGTCTCGATCTCTGACCTGTGATC 60

QY 2324 CGCCCACTCGGCTCCCAAGTCTGGGATTACAGG 2360
Db 61 CTCGCGCTCGGCTCCCAAGTCTGGGATTACAGG 97

RESULT 6
US-10-212-872-720
; Sequence 720, Application US/10212872
; Publication No. US20030215893A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C2
; CURRENT APPLICATION NUMBER: US/10/212,872
; CURRENT FILING DATE: 2002-08-07
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 720
; LENGTH: 100
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-212-872-720

Query Match 3.5%; Score 82.6; DB 1; Length 100;
Best Local Similarity 90.7%; Pred. No. 0.69;
Matches 88; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCCACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATC 2323
Db 1 AGTAGAGATGGGTTTCCACCGTGTGTGTCAGGATGGTCTCGATCTCTGACCTGTGATC 60

QY 2324 CGCCCACTCGGCTCCCAAGTCTGGGATTACAGG 2360
Db 61 CTCGCGCTCGGCTCCCAAGTCTGGGATTACAGG 97

RESULT 7
US-09-761-288-33/c
; Sequence 33, Application US/09761288
; Patent No. US20020065405A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Taupier, Raymond J
; APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Li, Li
; TITLE OF INVENTION: No. US20020065405A1 Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/761,288
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24

; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 92
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-761-288-33

Query Match 3.4%; Score 80.6; DB 1; Length 92;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGGTCTCGATCTCTGACCTCGGATCGGCTCCCAAG 2345
Db 92 GTTAGCCAGGATGGTCTCGATCTCTGACCTCGGCTCCCAAG 33

QY 2346 TGCTGGGATTACAGGATGAGCCACCG 2372
Db 32 TGCTGGGATTACAGGATGAGCCACCG 6

RESULT 8
US-09-898-586-33/c
; Sequence 33, Application US/09898586
; Publication No. US2003007794A1
; GENERAL INFORMATION:
; APPLICANT: Gerlach, Valerie L
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: No. US2003007794A1 Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-638C1P
; CURRENT APPLICATION NUMBER: US/09/898,586
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: 09/761,288
; PRIOR FILING DATE: 2001-01-16
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 92
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-586-33

Query Match 3.4%; Score 80.6; DB 1; Length 92;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGGTCTCGATCTCTGACCTCGGATCGGCTCCCAAG 2345
Db 92 GTTAGCCAGGATGGTCTCGATCTCTGACCTCGGCTCCCAAG 33

QY 2346 TGCTGGGATTACAGGATGAGCCACCG 2372

```
Db      32  TCGTGGGATTACAGGCGTGAGCCACCG 6
|||||
RESULT 9
US-09-761-288-41/c
; Sequence 41, Application US/09761288
; Patent No. US20020065405A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Taupier, Raymond J
; APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Li, Li
; TITLE OF INVENTION: No. US20020065405A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/761,288
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-761-288-41
Query Match      3.4%; Score 80.6; DB 1; Length 94;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2286  GTTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAG 2345
Db      94  GTTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAG 35

QY      2346  TCGTGGGATTACAGGCGTGAGCCACCG 2372
Db      34  TCGTGGGATTACAGGCGTGAGCCACCG 8

RESULT 10
US-09-761-288-48
; Sequence 48, Application US/09761288
; Patent No. US20020065405A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Taupier, Raymond J
; APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Li, Li
; TITLE OF INVENTION: No. US20020065405A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/761,288
; CURRENT FILING DATE: 2001-01-16

Query Match      3.4%; Score 80.6; DB 1; Length 94;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2286  GTTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAG 2345
Db      94  GTTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAG 35

QY      2346  TCGTGGGATTACAGGCGTGAGCCACCG 2372
Db      34  TCGTGGGATTACAGGCGTGAGCCACCG 8

RESULT 11
US-09-898-586-41/c
; Sequence 41, Application US/09898586
; Publication No. US2003007794A1
; GENERAL INFORMATION:
; APPLICANT: Gerlach, Valerie L
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: No. US2003007794A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638C1P
; CURRENT APPLICATION NUMBER: US/09/898,586
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: 09/761,288
; PRIOR FILING DATE: 2001-01-16
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-898-586-41.

Query Match 3.4%; Score 80.6; DB 1; Length 94;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCGTGATCCGCCACCTCGGCCTCCCAAAG 2345
|||||
Db 94 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCATGATCCACCGCCTCGGCCTCCCAAAG 35
|||||

QY 2346 TGCTGGGATTACAGGCATGAGCCACCG 2372

Db 34 TGCTGGGATTACAGGCGGTGAGCCACCG 8

RESULT 12

US-09-898-586-48
; Sequence 48, Application US/09898586

; Publication No. US2003007794A1

; GENERAL INFORMATION:

; APPLICANT: Gerlach, Valerie L

; APPLICANT: MacDougall, John R

; APPLICANT: Smithson, Glenda

; TITLE OF INVENTION: No. US2003007794A1el Polypeptides and Nucleic Acids Encoding Sam

; FILE REFERENCE: 15966-638CIP

; CURRENT APPLICATION NUMBER: US/09/898,586.

; CURRENT FILING DATE: 2001-08-27

; PRIOR APPLICATION NUMBER: 60/177,839

; PRIOR FILING DATE: 2000-01-25

; PRIOR APPLICATION NUMBER: 60/176,134

; PRIOR FILING DATE: 2000-01-14

; PRIOR APPLICATION NUMBER: 60/175,989

; PRIOR FILING DATE: 2000-01-13

; PRIOR APPLICATION NUMBER: 60/218,324

; PRIOR FILING DATE: 2000-07-14

; PRIOR APPLICATION NUMBER: 60/220,253

; PRIOR FILING DATE: 2000-07-24

; PRIOR APPLICATION NUMBER: 60/178,191

; PRIOR FILING DATE: 2000-01-26

; PRIOR APPLICATION NUMBER: 60/178,227

; PRIOR FILING DATE: 2000-01-26

; PRIOR APPLICATION NUMBER: 60/220,590

; PRIOR FILING DATE: 2000-07-25

; PRIOR APPLICATION NUMBER: 09/761,288

; PRIOR FILING DATE: 2001-01-16

; NUMBER OF SEQ ID NOS: 104

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 48

; LENGTH: 94

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-898-586-48

Query Match 3.4%; Score 80.6; DB 1; Length 94;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCGTGATCCGCCACCTCGGCCTCCCAAAG 2345
|||||
Db 1 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCATGATCCACCGCCTCGGCCTCCCAAAG 60
|||||

QY 2346 TGCTGGGATTACAGGCATGAGCCACCG 2372

Db 61 TGCTGGGATTACAGGCGGTGAGCCACCG 87

RESULT 13

US-09-761-288-52

; Sequence 52, Application US/09761288

; Patent No. US20020065405A1

; GENERAL INFORMATION:

; APPLICANT: Padigaru, Muralidhara

; APPLICANT: Prayaga, Sudhirdas

; APPLICANT: Taupier, Raymond J
; APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Li, Li

; TITLE OF INVENTION: No. US20020065405A1el Polypeptides and Nucleic Acids Encoding Sa

; FILE REFERENCE: 15966-638

; CURRENT APPLICATION NUMBER: US/09/761,288

; CURRENT FILING DATE: 2001-01-16

; PRIOR APPLICATION NUMBER: 60/177,839

; PRIOR FILING DATE: 2000-01-25

; PRIOR APPLICATION NUMBER: 60/176,134

; PRIOR FILING DATE: 2000-01-14

; PRIOR APPLICATION NUMBER: 60/175,989

; PRIOR FILING DATE: 2000-01-13

; PRIOR APPLICATION NUMBER: 60/218,324

; PRIOR FILING DATE: 2000-07-14

; PRIOR APPLICATION NUMBER: 60/220,253

; PRIOR FILING DATE: 2000-07-24

; PRIOR APPLICATION NUMBER: 60/178,191

; PRIOR FILING DATE: 2000-01-26

; PRIOR APPLICATION NUMBER: 60/178,227

; PRIOR FILING DATE: 2000-01-26

; PRIOR APPLICATION NUMBER: 60/220,590

; PRIOR FILING DATE: 2000-07-25

; NUMBER OF SEQ ID NOS: 95

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 52

; LENGTH: 94

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-761-288-52

Query Match 3.3%; Score 79; DB 1; Length 94;

Best Local Similarity 94.3%; Pred. No. 1;

Matches 82; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCGTGATCCGCCACCTCGGCCTCCCAAAG 2345

Db 1 GTTAGCCAGGATGGTCTCAATCTCTGACCTCGTGATCCGCCCTTGGCCTCCCAAAG 60

QY 2346 TGCTGGGATTACAGGCATGAGCCACCG 2372

Db 61 TGCTGGGATTACAGGCATGAGCCACTG 87

RESULT 14

US-09-898-586-52

; Sequence 52, Application US/09898586

; Publication No. US2003007794A1

; GENERAL INFORMATION:

; APPLICANT: Gerlach, Valerie L

; APPLICANT: MacDougall, John R

; APPLICANT: Smithson, Glenda

; TITLE OF INVENTION: No. US2003007794A1el Polypeptides and Nucleic Acids Encoding Sa

; FILE REFERENCE: 15966-638CIP

; CURRENT APPLICATION NUMBER: US/09/898,586

; CURRENT FILING DATE: 2001-08-27

; PRIOR APPLICATION NUMBER: 60/177,839

; PRIOR FILING DATE: 2000-01-25

; PRIOR APPLICATION NUMBER: 60/176,134

; PRIOR FILING DATE: 2000-01-14

; PRIOR APPLICATION NUMBER: 60/175,989

; PRIOR FILING DATE: 2000-01-13

; PRIOR APPLICATION NUMBER: 60/218,324

; PRIOR FILING DATE: 2000-07-14

; PRIOR APPLICATION NUMBER: 60/220,253

; PRIOR FILING DATE: 2000-07-24

; PRIOR APPLICATION NUMBER: 60/178,191

; PRIOR FILING DATE: 2000-01-26

; PRIOR APPLICATION NUMBER: 60/178,227

; PRIOR FILING DATE: 2000-01-26

; PRIOR APPLICATION NUMBER: 60/220,590

```
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: 09/761,288
; PRIOR FILING DATE: 2001-01-16
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 52
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-586-52

Query Match      3.3%; Score 79; DB 1; Length 94;
Best Local Similarity 94.3%; Pred. No. 1;
Matches 82; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2286 GTTACCCAGGATGGTCTCGATCTCTGACCTCGGTGATCCGCCACCTCGGCCTCCCAAAG 2345
Db 1 GTTACCCAGGATGGTCTCAATCTCTGACCTCGGTGATCCGCCCTTGGCCTCCCAAAG 60

QY 2346 TGCTGGGATTACAGCATGAGCCACCG 2372
Db 61 TGCTGGGATTACAGCATGAGCCACTG 87
```

```
RESULT 15
US-09-984-429-613
; Sequence 613, Application US/09984429
; Publication No. US20040010132A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 53 Human Secreted Proteins
; FILE REFERENCE: PZ018P2
; CURRENT APPLICATION NUMBER: US/09/984,429
; CURRENT FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/244,591
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 09/288,143
; PRIOR FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: PCR/US98/21142
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/061,463
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,529
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/071,498
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,527
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,536
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,532
; PRIOR FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 727
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 613
; LENGTH: 88
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-984-429-613
```

```
Query Match      3.3%; Score 78.4; DB 1; Length 88;
Best Local Similarity 93.2%; Pred. No. 1.1;
Matches 82; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2278 TTACCCGTGTTAGCCAGGATGGTCTCGATCTCTGACCTCGGTGATCCGCCACCTCGGCC 2337
Db 1 TTACCATGTTGGCCAGGATGGTCTCGATCTCTGACCTCGGTGATCCGCCCTCGGCC 60

QY 2338 TCCCAAGTCTGGGATTACAGGCATGA 2365
Db 61 TCTCAAGTCTGGGATTACAGGCATGA 88
```

RESULT 16

```
US-09-764-877-3775/c
; Sequence 3775, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3775
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-3775
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Query Match      3.2%; Score 75.8; DB 1; Length 87;
Best Local Similarity 92.0%; Pred. No. 1.5;
Matches 80; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGGTGATCCGCCACCTCGGCCTC 2339
Db 87 CACCATGTTGCCAGGCTGTCTCGAACTCTGACCTCATGATCCGCCACCTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
Db 27 CCAAAGTCTGGGATTACAGGTGTGAG 1
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RESULT 17

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US-10-242-515-3775/c
; Sequence 3775, Application US/10242515
; Publication No. US20040009488A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005C1
; CURRENT APPLICATION NUMBER: US/10/242,515
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3775
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-3775
```

```
Query Match      3.2%; Score 75.8; DB 1; Length 87;
Best Local Similarity 92.0%; Pred. No. 1.5;
```


Matches 80; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339

Db 87 CACCATGTGCGCAGGCTGCTCGAACTCTGACCTCATGATCGGCCACCTCGGCCTC 28

Qy 2340 CCAAGTCTGGGATTACAGCATGAG 2366

Db 27 CCAAGTCTGGGATTACAGGTGTGAG 1

RESULT 18

US-09-761-288-37/c
; Sequence 37, Application US/09761288
; Patent No. US20020065405A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Taupier, Raymond J
; APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Li, Li
; TITLE OF INVENTION: No. US20020065405A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/761,288
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: 09/761,288
; PRIOR FILING DATE: 2001-01-16
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 92
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-586-37

Query Match 3.1%; Score 74.2; DB 1; Length 92;

Best Local Similarity 90.8%; Pred. No. 1.8;
Matches 79; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
Qy 2286 GTTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTCCCAAG 2345
Db 92 GTTGACCAAGTTGGTCTCGAACTCTGACCTCATGATCGGCCACCTCGGCCTCCCAAG 33
Qy 2346 TGCTGGGATTACAGGATGAGCCACCG 2372
Db 32 TGCTGGGATTACAGGCGTGAGCCACCG 6
RESULT 19
US-09-898-586-37/c
; Sequence 37, Application US/09898586
; Publication No. US2003007794A1
; GENERAL INFORMATION:
; APPLICANT: Gerlach, Valerie L
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: No. US2003007794A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/761,288
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 92
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-761-288-37

Query Match 3.1%; Score 74.2; DB 1; Length 92;

Best Local Similarity 90.8%; Pred. No. 1.8;
Matches 79; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
Qy 2286 GTTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTCCCAAG 2345
Db 92 GTTGACCAAGTTGGTCTCGAACTCTGACCTCATGATCGGCCACCTCGGCCTCCCAAG 33
Qy 2346 TGCTGGGATTACAGGATGAGCCACCG 2372
Db 32 TGCTGGGATTACAGGCGTGAGCCACCG 6

RESULT 19

US-09-898-586-37/c
; Sequence 37, Application US/09898586
; Publication No. US2003007794A1
; GENERAL INFORMATION:
; APPLICANT: Gerlach, Valerie L
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: No. US2003007794A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/898,586
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 92
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-586-37

Query Match 3.1%; Score 74.2; DB 1; Length 92;

Best Local Similarity 90.8%; Pred. No. 1.8;
Matches 79; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
Qy 2286 GTTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTCCCAAG 2345
Db 92 GTTGACCAAGTTGGTCTCGAACTCTGACCTCATGATCGGCCACCTCGGCCTCCCAAG 33
Qy 2346 TGCTGGGATTACAGGATGAGCCACCG 2372
Db 32 TGCTGGGATTACAGGCGTGAGCCACCG 6

RESULT 20

US-09-541-848-49/c
; Sequence 49, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 73
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-541-848-49

Query Match 3.1%; Score 73; DB 1; Length 73;

Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 73; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 665 AGGTACATCTGTGAGTGAGACAGGTCTCACCTTGAAGTGGGAGTGATCAAAAGGACCT 724
Db 73 AGGTACATCTGTGAGTGAGACAGGTCTCACCTTGAAGTGGGAGTGATCAAAAGGACCT 14
QY 725 TGTACAAGAGCTT 737
Db 13 TGTACAAGAGCTT 1

RESULT 21
US-09-764-860-962
; Sequence 962, Application US/09764860
; Patent No. US2002009493A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 962
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-860-962

Query Match 3.1%; Score 72.6; DB 1; Length 87;
Best Local Similarity 89.7%; Pred. No. 2.2;
Matches 78; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGGTCTCGATCTCTGATCCGTGATCCGCCACCTGGGCTC 2339
Db 1 CACCATGTTGGCAGGCTGGTCTCAAACTCTGACCTCGTATCCACCCGCTCTGGCTC 60

QY 2340 CCAAGTCTGGGATTACAGGCATGAG 2366
Db 61 CCAAGTCTGGGATTACAGGCGTGAG 87

RESULT 22
US-10-074-095-962
; Sequence 962, Application US/10074095
; Publication No. US20030077704A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C1
; CURRENT APPLICATION NUMBER: US/10/074,095
; CURRENT FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 09/764,860
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
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; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
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; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
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; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
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; PRIOR APPLICATION NUMBER: 60/229,343
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; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
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;; PRIOR APPLICATION NUMBER: 60/237,037
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/237,040
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/240,960
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/239,935
;; PRIOR FILING DATE: 2000-10-13
;; PRIOR APPLICATION NUMBER: 60/239,937
;; PRIOR FILING DATE: 2000-10-13
;; PRIOR APPLICATION NUMBER: 60/241,787
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,474
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/246,532
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/249,216
;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR APPLICATION NUMBER: 60/225,213
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/227,182
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,214
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/235,836
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: 60/230,438
;; PRIOR FILING DATE: 2000-09-06
;; PRIOR APPLICATION NUMBER: 60/215,135
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: 60/225,266
;; PRIOR FILING DATE: 2000-08-14
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;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR APPLICATION NUMBER: 60/232,400
;; PRIOR FILING DATE: 2000-09-14
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;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,081
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,080
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,414

;; PRIOR FILING DATE: 2000-09-08
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;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,401
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/241,808
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,826
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,786
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,221
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,475
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/231,243
;; PRIOR FILING DATE: 2000-09-08

Query Match 3.1%; Score 72.6; DB 1; Length 87;
Best Local Similarity 89.7%; Pred. No. 2.2;
Matches 78; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCTGATCCGCCACCTCGGCCTC 2339
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTTGACCTCTGATCCACCGCCTCTGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCGATGAG 2366
Db 61 CCAAAGTCTGGGATTACAGGCGTGAG 87

RESULT 23
US-10-212-872-962
; Sequence 962, Application US/10212872
; Publication No. US20030215893A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C2
; CURRENT APPLICATION NUMBER: US/10/212,872
; CURRENT FILING DATE: 2002-08-07
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 962
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-212-872-962

Query Match 3.1%; Score 72.6; DB 1; Length 87;
Best Local Similarity 89.7%; Pred. No. 2.2;
Matches 78; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCTGATCCGCCACCTCGGCCTC 2339
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTTGACCTCTGATCCACCGCCTCTGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCGATGAG 2366
Db 61 CCAAAGTCTGGGATTACAGGCGTGAG 87

RESULT 24
US-09-764-860-766

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; Sequence 766, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 766
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-860-766

Query Match          3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCAGGATGCTCGATCTCTGACCTGTGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTTGGTCAGGCTGGTCTCAAACTCCTGACCTCTTGATCCGCCGCTCAGGCTC 60

QY 2340 CCAAAGTCTGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGATTACAGGCGTGAG 87

RESULT 25
US-10-074-095-766
; Sequence 766, Application US/10074095
; Publication No. US20030077704A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C1
; CURRENT APPLICATION NUMBER: US/10/074,095
; CURRENT FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 09/764,860
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
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; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
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; PRIOR APPLICATION NUMBER: 60/226,868
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; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
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; PRIOR APPLICATION NUMBER: 60/216,880
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; PRIOR APPLICATION NUMBER: 60/251,869
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; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
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; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
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; PRIOR APPLICATION NUMBER: 60/246,474
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; PRIOR APPLICATION NUMBER: 60/246,532
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; PRIOR APPLICATION NUMBER: 60/215,135
; PRIOR FILING DATE: 2000-06-30
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; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,217
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,211
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,215
; PRIOR FILING DATE: 2000-11-17
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; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,214
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,297
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/232,400
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/231,242
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; PRIOR APPLICATION NUMBER: 60/232,080
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; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/241,808
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; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,786
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; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,475
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/231,243
; PRIOR FILING DATE: 2000-09-08
Query Match 3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db 1 CACCATGTTGGTCAGGCTGCTCTCAAACTCCTTGATCCGCCGCTCAGGCCTC 60
QY 2340 CCAAAGTGTGGGATTACAGGCATGAG 2366
Db 61 CCAAAGTGTGGGATTACAGGCATGAG 87
RESULT 26
US-10-212-872-766
; Sequence 766, Application US/10212872
; Publication No. US20030215893A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C2
; CURRENT APPLICATION NUMBER: US/10/212,872
; CURRENT FILING DATE: 2002-08-07
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 766
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-212-872-766
Query Match 3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db 1 CACCATGTTGGTCAGGCTGCTCTCAAACTCCTTGATCCGCCGCTCAGGCCTC 60
QY 2340 CCAAAGTGTGGGATTACAGGCATGAG 2366
Db 61 CCAAAGTGTGGGATTACAGGCATGAG 87
RESULT 27
US-10-242-355-972
; Sequence 972, Application US/10242355
; Publication No. US20030235831A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC003C1
; CURRENT APPLICATION NUMBER: US/10/242,355
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,897
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31

```
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 972
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-355-972

Query Match      3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTGTGCTCAGGCTGCTCTCAAACTCCTGACTCTGATCGCCACCTTGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGATTACAGGCATGAG 87

RESULT 28
US-10-242-355-974
; Sequence 974, Application US/10242355
; Publication No. US20030235831A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC003C1
; CURRENT APPLICATION NUMBER: US/10/242,355
; PRIOR FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,897
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 975
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-355-975

Query Match      3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTGTGCTCAGGCTGCTCTCAAACTCCTGACTCTGATCGCCACCTTGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGATTACAGGCATGAG 87

RESULT 29
US-10-242-355-975
; Sequence 975, Application US/10242355
; Publication No. US20030235831A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC003C1
; CURRENT APPLICATION NUMBER: US/10/242,355
; PRIOR FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,897
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 975
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-355-975

Query Match      3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTGTGCTCAGGCTGCTCTCAAACTCCTGACTCTGATCGCCACCTTGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGATTACAGGCATGAG 87

RESULT 30
US-09-920-300A-1278
; Sequence 1278, Application US/09920300A
; Patent No. US20020136728A1
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; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 972
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-355-972

Query Match      3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTGTGCTCAGGCTGCTCTCAAACTCCTGACTCTGATCGCCACCTTGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGATTACAGGCATGAG 87

RESULT 28
US-10-242-355-974
; Sequence 974, Application US/10242355
; Publication No. US20030235831A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC003C1
; CURRENT APPLICATION NUMBER: US/10/242,355
; PRIOR FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,897
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 974
; LENGTH: 87
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; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5537
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5537

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTGACCTCGTGATCCGCCACCTCGGCCTC 60
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGATTACAGCGTAAG 87
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 42
US-09-764-891-10026/c
; Sequence 10026, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10026
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-10026

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 87 CACCATGTTGGCCAGGCTGCTCTCGAACTCTGACCTCGTGATCCGCCACCTCGGCCTC 28
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 27 CCAAAGTCTGGGATTACAGGTGAG 1
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 43
US-10-091-504-1866
; Sequence 1866, Application US/10091504
; Publication No. US20030059908A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC007C1
; CURRENT APPLICATION NUMBER: US/10/091,504
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 2442
; Prior application removed - See File Wrapper or Palm
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1866
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-091-504-1866

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 87 CACCATGTTGGCCAGGCTGCTCTCGAACTCTGACCTCGTGATCCGCCACCTCGGCCTC 28
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 27 CCAAAGTCTGGGATTACAGATGTGAG 1
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 41
US-09-764-891-5537
; Sequence 5537, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2832
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-2832

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 87 CACCATGTTGGCCAGGCTGCTCTAGAACTCTGACCTCGTGATCCGCCACCTCGGCCTC 28
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 27 CCAAAGTCTGGGATTACAGGTGAG 1
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 40
US-09-764-891-5536
; Sequence 5536, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5536
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5536

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTGACCTCGTGATCCGCCACCTCGGCCTC 60
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGATTACAGCGTAAG 87
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 41
US-09-764-891-5537
; Sequence 5537, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2832
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-2832

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTGACCTCGTGATCCGCCACCTCGGCCTC 60
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGATTACAGCGTAAG 87
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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; ORGANISM: Homo sapiens
US-10-091-504-1866

Query Match          2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTGCTGATCGGCCACCTCGGCTC 2339
      1 CACCAATGTTGGTCAGCGTGAATCGAATCTGACCTGCTGATCAACCCGCTTGGCTC 60
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      61 CCAAAGTCTGGGATTACAGGATGAG 87
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

RESULT 44
US-10-073-961-607
; Sequence 607, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P413C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,474
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,532
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,216
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,210
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/226,681
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,759
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/225,213
; PRIOR FILING DATE: 2000-08-14
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Query Match 2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTC 2339
DB 1 CACCATCTTGGCCAGGCTGGTCTCAACTCTCTGACCTCGTGATCCGCCACCTCGGCTC 60

QY 2340 CCAAAGTCTGGATTACAGGCATGAG 2366
DB 61 CCAAAGTCTGAGATTACCGGCGTGAG 87

RESULT 45
US-10-073-961-608
; Sequence 608, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P113C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
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; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26

;; PRIOR APPLICATION NUMBER: 60/241,809
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/249,299
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/236,327
;; PRIOR FILING DATE: 2000-09-29
;; PRIOR APPLICATION NUMBER: 60/241,785
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/244,617
;; PRIOR FILING DATE: 2000-11-01
;; PRIOR APPLICATION NUMBER: 60/225,268
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/236,368
;; PRIOR FILING DATE: 2000-09-29
;; PRIOR APPLICATION NUMBER: 60/251,856
;; PRIOR FILING DATE: 2000-12-08
;; PRIOR APPLICATION NUMBER: 60/251,868
;; PRIOR FILING DATE: 2000-12-08
;; PRIOR APPLICATION NUMBER: 60/229,344
;; PRIOR FILING DATE: 2000-09-01
;; PRIOR APPLICATION NUMBER: 60/234,997
;; PRIOR FILING DATE: 2000-09-25
;; PRIOR APPLICATION NUMBER: 60/229,343
;; PRIOR FILING DATE: 2000-09-01
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;; PRIOR FILING DATE: 2000-09-01
;; PRIOR APPLICATION NUMBER: 60/229,287
;; PRIOR FILING DATE: 2000-09-01
;; PRIOR APPLICATION NUMBER: 60/229,513
;; PRIOR FILING DATE: 2000-09-05
;; PRIOR APPLICATION NUMBER: 60/231,413
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/229,509
;; PRIOR FILING DATE: 2000-09-05
;; PRIOR APPLICATION NUMBER: 60/236,367
;; PRIOR FILING DATE: 2000-09-29
;; PRIOR APPLICATION NUMBER: 60/237,039
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/237,038
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/236,370
;; PRIOR FILING DATE: 2000-09-29
;; PRIOR APPLICATION NUMBER: 60/236,802
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;; PRIOR APPLICATION NUMBER: 60/237,037
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/237,040
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/240,960
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/239,935
;; PRIOR FILING DATE: 2000-10-13
;; PRIOR APPLICATION NUMBER: 60/239,937
;; PRIOR FILING DATE: 2000-10-13
;; PRIOR APPLICATION NUMBER: 60/241,787
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,474
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/246,532
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/249,216
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,210
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/226,681
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,759
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/225,213
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/227,182
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,214

;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/235,836
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: 60/230,438
;; PRIOR FILING DATE: 2000-09-06
;; PRIOR APPLICATION NUMBER: 60/215,135
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: 60/225,266
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;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,212
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;; PRIOR APPLICATION NUMBER: 60/249,207
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,245
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,244
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,217
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,211
;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,264
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,214
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,297
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/232,400
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/231,242
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,081
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,080
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,414
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,244
;; PRIOR FILING DATE: 2000-09-08
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;; PRIOR FILING DATE: 2000-09-14
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;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,399
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,401
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/241,808
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,826
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,786
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,221
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,475
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/231,243
;; PRIOR FILING DATE: 2000-09-08

Query Match 2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;


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; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2829
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2829

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGATGAG 1

RESULT 49
US-10-242-515-2831/c
; Sequence 2831, Application US/10242515
; Publication No. US2004009488A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005C1
; CURRENT APPLICATION NUMBER: US/10/242,515
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2831
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2831

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGATGAG 1

RESULT 51
US-10-242-515-2832/c
; Sequence 2832, Application US/10242515
; Publication No. US2004009488A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005C1
; CURRENT APPLICATION NUMBER: US/10/242,515
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2832
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2832
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2831

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGATGAG 1

RESULT 50
US-10-242-515-2832/c
; Sequence 2832, Application US/10242515
; Publication No. US2004009488A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005C1
; CURRENT APPLICATION NUMBER: US/10/242,515
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2832
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2832

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGATGAG 1

RESULT 51
US-10-758-307-74
; Sequence 74, Application US/10758307
; Publication No. US20040209290A1
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GENERAL INFORMATION:
; APPLICANT: GENOMIC HEALTH, INC.
; APPLICANT: RUSH UNIVERSITY MEDICAL CENTER
; APPLICANT: Cobleigh, Melody
; APPLICANT: Shak, Jeffrey
; APPLICANT: Baker, Joffre
; APPLICANT: Cronin, Maureen
; TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
; TITLE OF INVENTION: CANCER PROGNOSIS
; FILE REFERENCE: 39740/0008 US
; CURRENT APPLICATION NUMBER: US/10/758,307
; CURRENT FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/440,861
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 440
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 68
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplicon
US-10-758-307-74

Query Match 2.9%; Score 68; DB 1; Length 68;
Best Local Similarity 100.0%; Pred. No. 3.8;
Matches 68; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 955 CTACAGGAGCCCATCGAATCCGGATCTTGATGCTGGTGAAGTGAACATTTCAGGTGATT 1014
Db 1 CTACAGGAGCCCATCGAATCCGGATCTTGATGCTGGTGAAGTGAACATTTCAGGTGATT 60
QY 1015 GGTGGAT 1022
Db 61 GGTGGAT 68

RESULT 52
US-10-457-839-27/c
; Sequence 27, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Schell, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 80
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-27

Query Match 2.7%; Score 64.4; DB 1; Length 80;
Best Local Similarity 91.9%; Pred. No. 5.8;
Matches 68; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 2298 GGTCTCGATCTTCGACCTCTGTATCCGCCACCTCGGCTCCCAAGTGTGGATTAC 2357
Db 80 GGTCTCGAATCTTCGACCTCTGTATCTGCCGCTCGGCTCCCAAGTGTGGATTAC 21
QY 2358 AGGCATGAGCCACC 2371
|||||

Db 20 AGGCGTAAGCCACC 7
RESULT 53
US-09-908-975-12590
; Sequence 12590, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
; TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12590
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-12590

Query Match 2.5%; Score 60; DB 1; Length 60;
Best Local Similarity 100.0%; Pred. No. 9.6;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 98 TGACCGAGATCTCTGCTTTTCGACGAGGAGCAGCGTCCCTCCCGGATTAGTGCCTA 157
Db 1 TGACCGAGATCTCTGCTTTTCGACGAGGAGCAGCGTCCCTCCCGGATTAGTGCCTA 60

RESULT 54
US-09-815-343-348
; Sequence 348, Application US/09815343
; Patent No. US20010055596A1
; GENERAL INFORMATION:
; APPLICANT: Meagher, Madeleine
; APPLICANT: Xu, Jiangchun
; APPLICANT: King, Gordon E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121.504
; CURRENT APPLICATION NUMBER: US/09/815,343
; CURRENT FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 348
; LENGTH: 69
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-815-343-348

Query Match 2.4%; Score 56.2; DB 1; Length 69;
Best Local Similarity 88.4%; Pred. No. 15;
Matches 61; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
QY 2291 CCAGGATGGTCTCGATCTCTGACCTCGTATCGGCCACCTCGGCTCCCAAGTGTG 2350
Db 1 CCAGGCGGTCTCGAATCTCAGACCTCATGATCCACCGCTTGGCTCCCAAGTGTG 60
QY 2351 GGATTACAG 2359
Db 61 GGATTACAG 69


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RESULT 55
US-10-097-105-348
; Sequence 348, Application US/10097105
; Publication No. US20040037842A1
; GENERAL INFORMATION:
; APPLICANT: Mesager, Madeleine Joy
; APPLICANT: King, Gordon E.
; APPLICANT: Secrist, Heather
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.504C1
; CURRENT APPLICATION NUMBER: US/10/097,105
; CURRENT FILING DATE: 2002-03-13
; NUMBER OF SEQ ID NOS: 1562
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 348
; LENGTH: 69
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-105-348

Query Match      2.4%; Score 56.2; DB 1; Length 69;
Best Local Similarity 88.4%; Pred. No. 15;
Matches 61; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 2291 CCAGGATGGTCTCGATCTCTGACCTCGTGATCGGCCACCTCGGCTCCAAAGTGCTG 2350
Db 1 CCAGGCGGTCTGAACTCCAGACCTCATGATCACCGGCTTGCGCTCCAAAGTGCTG 60

QY 2351 GGATTACAG 2359
Db 61 GGATTACAG 69

RESULT 56
US-10-457-839-26/c
; Sequence 26, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-26

Query Match      2.2%; Score 52; DB 1; Length 60;
Best Local Similarity 91.7%; Pred. No. 24;
Matches 55; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2308 TCTGACCTCGTATCGGCCACCTCGGCTCCCAAAGTCTGGATTACAGGATGAGC 2367
Db 60 TCTGACCTTGTGATCTGCCGCTCGGCTCCCAAAGTCTGGATTACAGGCGTAAGC 1

RESULT 57
US-09-764-887-575
; Sequence 575, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P4113
; CURRENT APPLICATION NUMBER: US/09/764,887
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 575
; LENGTH: 66
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-575

Query Match      2.2%; Score 51.6; DB 1; Length 66;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 57; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2251 TTTTGTACTTTTAGTAGAGACAGGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCC 2310
Db 1 TTTTGTATTTTAGTAGAGACGGGTTTCACCATATTGACCAGGCTGGTCTCAAACTCC 60

QY 2311 TGACCT 2316
Db 61 TGACCT 66

RESULT 58
US-10-073-961-575
; Sequence 575, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P4113C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
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1 PRIOR FILING DATE: 2000-12-08
2 PRIOR APPLICATION NUMBER: 60/235,834
3 PRIOR FILING DATE: 2000-09-27
4 PRIOR APPLICATION NUMBER: 60/234,274
5 PRIOR FILING DATE: 2000-09-21
6 PRIOR APPLICATION NUMBER: 60/234,223
7 PRIOR FILING DATE: 2000-09-21
8 PRIOR APPLICATION NUMBER: 60/228,924
9 PRIOR FILING DATE: 2000-08-30
10 PRIOR APPLICATION NUMBER: 60/224,518
11 PRIOR FILING DATE: 2000-08-14
12 PRIOR APPLICATION NUMBER: 60/236,369
13 PRIOR FILING DATE: 2000-09-29
14 PRIOR APPLICATION NUMBER: 60/224,519
15 PRIOR FILING DATE: 2000-08-14
16 PRIOR APPLICATION NUMBER: 60/220,964
17 PRIOR FILING DATE: 2000-07-26
18 PRIOR APPLICATION NUMBER: 60/241,809
19 PRIOR FILING DATE: 2000-10-20
20 PRIOR APPLICATION NUMBER: 60/249,299
21 PRIOR FILING DATE: 2000-11-17
22 PRIOR APPLICATION NUMBER: 60/236,327
23 PRIOR FILING DATE: 2000-09-29
24 PRIOR APPLICATION NUMBER: 60/241,785
25 PRIOR FILING DATE: 2000-10-20
26 PRIOR APPLICATION NUMBER: 60/244,617
27 PRIOR FILING DATE: 2000-11-01
28 PRIOR APPLICATION NUMBER: 60/225,268
29 PRIOR FILING DATE: 2000-08-14
30 PRIOR APPLICATION NUMBER: 60/236,368
31 PRIOR FILING DATE: 2000-09-29
32 PRIOR APPLICATION NUMBER: 60/251,856
33 PRIOR FILING DATE: 2000-12-08
34 PRIOR APPLICATION NUMBER: 60/251,868
35 PRIOR FILING DATE: 2000-12-08
36 PRIOR APPLICATION NUMBER: 60/229,344
37 PRIOR FILING DATE: 2000-09-01
38 PRIOR APPLICATION NUMBER: 60/234,997
39 PRIOR FILING DATE: 2000-09-25
40 PRIOR APPLICATION NUMBER: 60/229,343
41 PRIOR FILING DATE: 2000-09-01
42 PRIOR APPLICATION NUMBER: 60/229,345
43 PRIOR FILING DATE: 2000-09-01
44 PRIOR APPLICATION NUMBER: 60/229,287
45 PRIOR FILING DATE: 2000-09-01
46 PRIOR APPLICATION NUMBER: 60/229,513
47 PRIOR FILING DATE: 2000-09-05
48 PRIOR APPLICATION NUMBER: 60/231,413
49 PRIOR FILING DATE: 2000-09-08
50 PRIOR APPLICATION NUMBER: 60/229,509
51 PRIOR FILING DATE: 2000-09-05
52 PRIOR APPLICATION NUMBER: 60/236,367
53 PRIOR FILING DATE: 2000-09-29
54 PRIOR APPLICATION NUMBER: 60/237,039
55 PRIOR FILING DATE: 2000-10-02
56 PRIOR APPLICATION NUMBER: 60/237,038
57 PRIOR FILING DATE: 2000-10-02
58 PRIOR APPLICATION NUMBER: 60/236,370
59 PRIOR FILING DATE: 2000-09-29
60 PRIOR APPLICATION NUMBER: 60/236,802
61 PRIOR FILING DATE: 2000-10-02
62 PRIOR APPLICATION NUMBER: 60/237,037
63 PRIOR FILING DATE: 2000-10-02
64 PRIOR APPLICATION NUMBER: 60/237,040
65 PRIOR FILING DATE: 2000-10-02
66 PRIOR APPLICATION NUMBER: 60/240,960
67 PRIOR FILING DATE: 2000-10-20
68 PRIOR APPLICATION NUMBER: 60/239,935
69 PRIOR FILING DATE: 2000-10-13
70 PRIOR APPLICATION NUMBER: 60/239,937
71 PRIOR FILING DATE: 2000-10-13
72 PRIOR APPLICATION NUMBER: 60/241,787
73 PRIOR FILING DATE: 2000-10-20
74 PRIOR APPLICATION NUMBER: 60/246,477
75 PRIOR FILING DATE: 2000-11-08
76 PRIOR APPLICATION NUMBER: 60/246,532
77 PRIOR FILING DATE: 2000-11-08
78 PRIOR APPLICATION NUMBER: 60/249,216
79 PRIOR FILING DATE: 2000-11-17
80 PRIOR APPLICATION NUMBER: 60/249,210
81 PRIOR FILING DATE: 2000-11-17
82 PRIOR APPLICATION NUMBER: 60/226,681
83 PRIOR FILING DATE: 2000-08-22
84 PRIOR APPLICATION NUMBER: 60/225,759
85 PRIOR FILING DATE: 2000-08-14
86 PRIOR APPLICATION NUMBER: 60/225,213
87 PRIOR FILING DATE: 2000-08-14
88 PRIOR APPLICATION NUMBER: 60/227,182
89 PRIOR FILING DATE: 2000-08-22
90 PRIOR APPLICATION NUMBER: 60/225,214
91 PRIOR FILING DATE: 2000-08-14
92 PRIOR APPLICATION NUMBER: 60/235,836
93 PRIOR FILING DATE: 2000-09-27
94 PRIOR APPLICATION NUMBER: 60/230,438
95 PRIOR FILING DATE: 2000-09-06
96 PRIOR APPLICATION NUMBER: 60/215,135
97 PRIOR FILING DATE: 2000-06-30
98 PRIOR APPLICATION NUMBER: 60/225,266
99 PRIOR FILING DATE: 2000-08-14
100 PRIOR APPLICATION NUMBER: 60/249,218
101 PRIOR FILING DATE: 2000-11-17
102 PRIOR APPLICATION NUMBER: 60/249,208
103 PRIOR FILING DATE: 2000-11-17
104 PRIOR APPLICATION NUMBER: 60/249,213
105 PRIOR FILING DATE: 2000-11-17
106 PRIOR APPLICATION NUMBER: 60/249,212
107 PRIOR FILING DATE: 2000-11-17
108 PRIOR APPLICATION NUMBER: 60/249,207
109 PRIOR FILING DATE: 2000-11-17
110 PRIOR APPLICATION NUMBER: 60/249,245
111 PRIOR FILING DATE: 2000-11-17
112 PRIOR APPLICATION NUMBER: 60/249,244
113 PRIOR FILING DATE: 2000-11-17
114 PRIOR APPLICATION NUMBER: 60/249,217
115 PRIOR FILING DATE: 2000-11-17
116 PRIOR APPLICATION NUMBER: 60/249,211
117 PRIOR FILING DATE: 2000-11-17
118 PRIOR APPLICATION NUMBER: 60/249,215
119 PRIOR FILING DATE: 2000-11-17
120 PRIOR APPLICATION NUMBER: 60/249,264
121 PRIOR FILING DATE: 2000-11-17
122 PRIOR APPLICATION NUMBER: 60/249,214
123 PRIOR FILING DATE: 2000-11-17
124 PRIOR APPLICATION NUMBER: 60/249,297
125 PRIOR FILING DATE: 2000-11-17
126 PRIOR APPLICATION NUMBER: 60/232,400
127 PRIOR FILING DATE: 2000-09-14
128 PRIOR APPLICATION NUMBER: 60/231,242
129 PRIOR FILING DATE: 2000-09-08
130 PRIOR APPLICATION NUMBER: 60/232,081
131 PRIOR FILING DATE: 2000-09-08
132 PRIOR APPLICATION NUMBER: 60/232,080
133 PRIOR FILING DATE: 2000-09-08
134 PRIOR APPLICATION NUMBER: 60/231,414
135 PRIOR FILING DATE: 2000-09-08
136 PRIOR APPLICATION NUMBER: 60/231,244
137 PRIOR FILING DATE: 2000-09-08
138 PRIOR APPLICATION NUMBER: 60/233,064
139 PRIOR FILING DATE: 2000-09-14
140 PRIOR APPLICATION NUMBER: 60/233,063
141 PRIOR FILING DATE: 2000-09-14
142 PRIOR APPLICATION NUMBER: 60/232,397
143 PRIOR FILING DATE: 2000-09-14
144 PRIOR APPLICATION NUMBER: 60/232,399
145 PRIOR FILING DATE: 2000-09-14
146 PRIOR APPLICATION NUMBER: 60/232,401
147 PRIOR FILING DATE: 2000-09-14

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; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/241,808
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,826
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,786
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,221
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,475
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/231,243
; PRIOR FILING DATE: 2000-09-08

Query Match      2.2%; Score 51.6; DB 1; Length 66;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 57; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 2251 TTTTGTACTTTTGTAGTACAGACAGGTTTACCGTGTAGCCAGATGGTCTCGATCTCC 2310
Db 1 TTTTGTATTTTGTAGTACAGACGGGTTTACCATATTGACAGGCTGGTCTCAAACTCC 60
```

Qy 2311 TGACCT 2316

Db 61 TGACCT 66

RESULT 59

```
US-10-131-827-4749
; Sequence 4749, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4749
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-4749
```

```
Query Match      2.1%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 30;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1747 GACAACCAATTCAATGATGCTACTATTTCCCTAGTGCCTGT 1796
Db 1 GACAACCAATTCAATGATGCTACTATTTCCCTAGTGCCTGT 50
```

RESULT 60

```
US-09-920-300A-1171/c
; Sequence 1171, Application US/09920300A
; Patent No. US20020136728A1
; GENERAL INFORMATION:
; APPLICANT: King, Gordon E.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Xu, Jiangchun
; APPLICANT: Secrist, Heather
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
```

```
; FILE REFERENCE: 210121.547
; CURRENT APPLICATION NUMBER: US/09/920,300A
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 1789
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1171
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-920-300A-1171
```

```
Query Match      2.0%; Score 46.8; DB 1; Length 59;
Best Local Similarity 87.9%; Pred. No. 45;
Matches 51; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 2233 CCACCACACCTGCTAATTTTGTACTTTTGTAGACAGAGGTTTCACCGTGTAG 2290
Db 58 CCACCACACCTGCTAATTTTGTACTTTTGTAGACAGAGGTTTCACCATGTTGG 1
```

RESULT 61

```
US-10-033-528-1171/c
; Sequence 1171, Application US/10033528
; Publication No. US20020131971A1
; GENERAL INFORMATION:
; APPLICANT: King, Gordon E.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Xu, Jiangchun
; APPLICANT: Secrist, Heather
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121.547C1
; CURRENT APPLICATION NUMBER: US/10/033,528
; CURRENT FILING DATE: 2001-12-26
; NUMBER OF SEQ ID NOS: 1896
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1171
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-528-1171
```

```
Query Match      2.0%; Score 46.8; DB 1; Length 59;
Best Local Similarity 87.9%; Pred. No. 45;
Matches 51; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 2233 CCACCACACCTGCTAATTTTGTACTTTTGTAGACAGAGGTTTCACCGTGTAG 2290
Db 58 CCACCACACCTGCTAATTTTGTACTTTTGTAGACAGAGGTTTCACCATGTTGG 1
```

RESULT 62

```
US-10-099-926-1171/c
; Sequence 1171, Application US/10099926
; Publication No. US20030166064A1
; GENERAL INFORMATION:
; APPLICANT: King, Gordon E.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Xu, Jiangchun
; APPLICANT: Secrist, Heather
; APPLICANT: Jiang, Yuqiu
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121.547C2
; CURRENT APPLICATION NUMBER: US/10/099,926
; CURRENT FILING DATE: 2002-03-17
; NUMBER OF SEQ ID NOS: 1982
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1171
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-099-926-1171
```

Query Match 2.0%; Score 46.8; DB 1; Length 59;
Best Local Similarity 87.9%; Pred. No. 45;
Matches 51; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2233 CCACACACCTGGCTGAATTTTGTACTTTTAGTAGACAGACGGGTTTCACCGTGTAG 2290
|||||
Db 58 CCACACACCCAGCTAATTTTGTATTTCTTAGTAGACAGCGGGTTTCACCATGTGG 1
|||||

RESULT 63
US-10-349-143-3882
; Sequence 3882, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3882
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-4582-359 : polymorphic base G or T
US-10-349-143-3882

Query Match 2.0%; Score 46.6; DB 1; Length 47;
Best Local Similarity 97.9%; Pred. No. 45;
Matches 46; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2271 ACAGGGTTTACCGTGTAGCAGATGGTCTCGATCTCTCGACCTC 2317
|||||
Db 1 ACAGGGTTTACCGTGTAGCAGATGGTCTCGATCTCTCGACCTC 47
|||||

RESULT 64
US-10-333-429-535
; Sequence 535, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 535
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24

; OTHER INFORMATION: 99-4582-359 : polymorphic base G or T
US-10-333-429-535

Query Match 2.0%; Score 46.6; DB 1; Length 47;
Best Local Similarity 97.9%; Pred. No. 45;
Matches 46; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2271 ACAGGGTTTACCGTGTAGCAGATGGTCTCGATCTCTCGACCTC 2317
|||||
Db 1 ACAGGGTTTACCGTGTAGCAGATGGTCTCGATCTCTCGACCTC 47
|||||

RESULT 65
US-10-813-638-152
; Sequence 152, Application US/10813638
; Publication No. US20040235026A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Leach, Martin D.
; TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND MI
; TITLE OF INVENTION: USE THEREOF
; FILE REFERENCE: 15966-599
; CURRENT APPLICATION NUMBER: US/10/813,638
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: 60/163,783
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1468
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 152
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg40986905
US-10-813-638-152

Query Match 1.9%; Score 46.2; DB 1; Length 51;
Best Local Similarity 94.1%; Pred. No. 48;
Matches 48; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2258 ACTTTTAGTAGACAGAGGGTTTACCGTGTAGCCAGATGGTCTCGATCT 2308
|||||
Db 1 ATTTTAGTAGACAGCGGGTTTCACTGTGTAGCCAGATGGTCTCGATCT 51
|||||

RESULT 66
US-10-457-839-25/c
; Sequence 25, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 25
; LENGTH: 49

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-25

Query Match      1.9%; Score 44.2; DB 1; Length 49;
Best Local Similarity 93.9%; Pred. No. 60;
Matches 46; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2313 ACCTCGTATCGCCGACCTCCGAGTCCCAAGTCTGGGATTACAGGC 2361
    |||||
DB 49 ACCTTGTGATCGCCGCTCGGCTCCCAAGTCTGGGATTACAGGC 1

RESULT 67
US-09-922-225A-62
; Sequence 62, Application US/09922225A
; Publication No. US20030104385A1
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
; FILE REFERENCE: P-EA 4672
; CURRENT APPLICATION NUMBER: US/09/922,225A
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-225A-62

Query Match      1.9%; Score 44.2; DB 1; Length 51;
Best Local Similarity 90.2%; Pred. No. 60;
Matches 46; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2089 TTATTTTGTGACAGCGTCTGTGTACCCAGGCTGGAGTGCAGT 2139
    |||||
DB 1 TTTTGTGACAGAGTCTTAYTCTGTGTGCCAGGCTGGAGTGCAGT 51

RESULT 68
US-10-170-097-659/c
; Sequence 659, Application US/10170097
; Publication No. US20030228582A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bougueleret, Lydie
; APPLICANT: Chumakov, Ilya
; APPLICANT: Cohen, Annick
; TITLE OF INVENTION: BIOMOLECULAR MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
; FILE REFERENCE: GEN-T114XC2D1
; CURRENT APPLICATION NUMBER: US/10/170,097
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/641,638
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/502,330
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: US 60/133,200
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: US 09/275,267
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: US 60/119,917
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 1304
; SOFTWARE: Patent.pm
; SEQ ID NO 659
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-520-256 : polymorphic base C or T

Query Match      1.8%; Score 42.6; DB 1; Length 47;
Best Local Similarity 97.7%; Pred. No. 72;
Matches 42; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCCCGTGTAGCCAGGATGGTCTCGATCTCTCTGACCT 2316
    |||||
DB 43 GGGTTTCCCGTGTAGCCAGGATGGTCTCGATCTCTCTGACCT 1

RESULT 69
US-09-860-670-233/c
; Sequence 233, Application US/09860670
; Patent No. US20020165137A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA127P1
; CURRENT APPLICATION NUMBER: US/09/860,670
; CURRENT FILING DATE: 2001-05-21
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 233
; LENGTH: 49
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-860-670-233

Query Match      1.8%; Score 42.6; DB 1; Length 49;
Best Local Similarity 91.8%; Pred. No. 72;
Matches 45; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTCCCGTGTAGCCAGGATGGTCTCGATCTCTGACC 2315
    |||||
DB 49 AGAGACAGGGTTTCCCGTGTAGCCAGGATGGTCTCGATCTCTGACC 1

RESULT 70
US-10-227-646-233/c
; Sequence 233, Application US/10227646
; Publication No. US20030235829A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA127P1
; CURRENT APPLICATION NUMBER: US/10/227,646
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: US/09/860,670
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/205,515
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 233
; LENGTH: 49
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-227-646-233

Query Match      1.8%; Score 42.6; DB 1; Length 49;
Best Local Similarity 91.8%; Pred. No. 72;
Matches 45; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTCCCGTGTAGCCAGGATGGTCTCGATCTCTGACC 2315
    |||||
DB 49 AGAGACAGGGTTTCCCGTGTAGCCAGGATGGTCTCGATCTCTGACC 1

RESULT 71
```

```
US-09-922-225A-52
; Sequence 52, Application US/09922225A
; Publication No. US20030104385A1
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
; TITLE OF INVENTION: Associated with Bipolar Disorder
; FILE REFERENCE: P-EA 4672
; CURRENT APPLICATION NUMBER: US/09/922,225A
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-225A-52

Query Match          1.8%; Score 42.6; DB 1; Length 51;
Best Local Similarity 88.2%; Pred. No. 72;
Matches 45; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTG 2320
|||||
Db 1 GACAGGGTTTACCATGTTGGCCAGSCTGGTCTCGAACTCTGACCTCATG 51
|||||

RESULT 72
US-10-349-143-646/c
; Sequence 646, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 646
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-1602-200 : polymorphic base G or C
US-10-349-143-646

Query Match          1.8%; Score 42.4; DB 1; Length 47;
Best Local Similarity 93.5%; Pred. No. 73;
Matches 43; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGAGGTTTCCCGTGTAGCCAGGATGGTCTCGAT 2306
|||||
Db 47 TTTAGTAGACAGCGGGTTTCACTSTGTGTAGCCAGGATGGTCTCGAT 2
|||||

RESULT 73
US-10-813-638-67/c
; Sequence 67, Application US/10813638
; Publication No. US20040235026A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
```

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; APPLICANT: Leach, Martin D.
; TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND ME
; TITLE OF INVENTION: USE THEREOF
; FILE REFERENCE: 15966-599
; CURRENT APPLICATION NUMBER: US/10/813,638
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: 60/163,783
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1468
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 67
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43957170
US-10-813-638-67

Query Match          1.7%; Score 41.4; DB 1; Length 51;
Best Local Similarity 88.2%; Pred. No. 83;
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2218 GCCTACAGTCATCTGCCACACACACCTGGCTAAATTTTGTACTTTTAGTAG 2268
|||||
Db 51 GACTACAGGCATGCCACACACACCTGGCTAAATTTTGTACTTTTAGTAG 1
|||||

RESULT 74
US-10-035-833A-743/c
; Sequence 743, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 743
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-743

Query Match          1.7%; Score 40.6; DB 1; Length 41;
Best Local Similarity 97.6%; Pred. No. 90;
Matches 40; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGATCGCCGCCACCTCGGCCT 2338
|||||
Db 41 GGTCTCGATCTCTGACCTCTGTATCGCCGCCACCTCGGCCT 1
|||||

RESULT 75
US-10-035-833A-6334/c
; Sequence 6334, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
```

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; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6334
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6334

Query Match      1.7%; Score 40.6; DB 1; Length 41;
Best Local Similarity 97.6%; Pred. No. 90;
Matches 40; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2298 GGTCTCATCTCTCTGACCTCGTGATCGGCTCCGCCACCTCGGCCT 2338
Db 41 GGTCTCATCTCTCTGACCTCTGTATCGGCCACCTCGGCCT 1

RESULT 76
US-10-393-815-32/c
; Sequence 32, Application US/10393815
; Publication No. US20030224413A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
; FILE REFERENCE: 15966-534B
; CURRENT APPLICATION NUMBER: US/10/393,815
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 320
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 32
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43957170
US-10-393-815-32

Query Match      1.7%; Score 40.4; DB 1; Length 51;
Best Local Similarity 88.0%; Pred. No. 93;
Matches 44; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2268 GAGACAGGGTTTCCCGTGTAGCCAGGATGGTCTCGATCTCTGACCTC 2317
Db 51 GAGACAGGGTTTCCACCATATTGGCCGGATGGTCTCGAATCTCTGACCTC 2

RESULT 77
US-09-922-225A-20/c
; Sequence 20, Application US/09922225A
; Publication No. US20030104385A1
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
; FILE REFERENCE: P-EA 4672
; CURRENT APPLICATION NUMBER: US/09/922,225A
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
```

```
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-225A-20

Query Match      1.7%; Score 40; DB 1; Length 51;
Best Local Similarity 86.0%; Pred. No. 97;
Matches 43; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2311 TGACCTCGTGATCGGCCACCTCGGCTCCCAAAGTGCTGGGATTACAGG 2360
Db 50 TGACCTCGTGATCGCTGTCTGRCCTCCCAAAGTACCGGGATTACAGG 1

RESULT 78
US-10-813-638-103/c
; Sequence 103, Application US/10813638
; Publication No. US20040235026A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEOTIDE ACID POLYMORPHISMS AND
; FILE REFERENCE: 15966-599
; CURRENT APPLICATION NUMBER: US/10/813,638
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: 60/163,783
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1468
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 103
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43265754
US-10-813-638-103

Query Match      1.7%; Score 39.8; DB 1; Length 51;
Best Local Similarity 86.3%; Pred. No. 99;
Matches 44; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGAGACAGGGTTTCACCGTGTAGCCAGGATGGTCTCG 2304
Db 51 TTGTATTTTAGTAGAGATGGGTTGCACCATGTTGCCAGGCTGGTCTCG 1

RESULT 79
US-10-457-839-24/c
; Sequence 24, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Prusa, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 24
; LENGTH: 44
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-24

Query Match      1.7%; Score 39.2; DB 1; Length 44;
Best Local Similarity 93.2%; Pred. No. 1.1e+02;
Matches 41; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2316 TGTGATCGGCCACCTCGGCTCCCAAAGTCTGGGATTACAG 2359
Db 44 TTGTGATCTGCGCGCTCGGCTCCCAAAGTCTGGGATTACAG 1

RESULT 80
US-10-457-839-15
; Sequence 15, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 15
; LENGTH: 49
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-15

Query Match      1.6%; Score 39; DB 1; Length 49;
Best Local Similarity 89.4%; Pred. No. 1.1e+02;
Matches 42; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2326 CCCACTCGGCTCCCAAAGTCTGGGATTACAGGATGAGCCACCG 2372
Db 1 CCCGTCTCGGCTCCCAAAGTCTGGGATTACAGGATGAGCCATCG 47

RESULT 81
US-10-457-839-3/c
; Sequence 3, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 3
; LENGTH: 42
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
US-10-457-839-3

Query Match      1.6%; Score 37.8; DB 1; Length 42;
Best Local Similarity 95.1%; Pred. No. 1.2e+02;
Matches 39; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 GTGATCGGCCACCTCGGCTCCCAAAGTCTGGGATTACAG 2358
Db 41 GTGATCTGCGCGCTCGGCTCCCAAAGTCTGGGATTACAG 1

RESULT 82
US-10-035-833A-382/c
; Sequence 382, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 382
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-382

Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2328 CACCTCGGCTCCCAAAGTCTGGGATTACAGGATGAGCC 2368
Db 41 CGCCTCGGCTCCCAAAGTCTGGGATTACAGGCGTGAGCC 1

RESULT 83
US-10-035-833A-742
; Sequence 742, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 742
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-742

Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2314 CCTCGTGTATCGGCCACCTCGGCTCCCAAAGTCTGGGAT 2354
Db 1 CCTCGTGTATTCGCCACCTCGGCTCCCAAAGTCTGGGAT 41

RESULT 84
```



```
US-10-035-833A-944
; Sequence 944, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 944
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-035-833A-944
Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCACCGTGTACCCAGGATGGTCTCG 2304
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 1 AGTAGACAGGGTTTCACCGTGTACCCAGGATGGTCTCG 41

RESULT 85
US-10-035-833A-6333
; Sequence 6333, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6333
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-035-833A-6333
Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCACCGTGTACCCAGGATGGTCTCG 2304
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 1 AGTAGACAGGGTTTCACCGTGTACCCAGGATGGTCTCG 41

RESULT 86
US-10-035-833A-6413/c
; Sequence 6413, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6413
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-035-833A-6413
Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2314 CCTGTGATCGCCACCTCGGCTCCCAAGTGTCTGGAT 2354
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 1 CCTGTGATTTGCCACCTCGGCTCCCAAGTGTCTGGAT 41

RESULT 87
US-10-035-833A-6954
; Sequence 6954, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6954
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-035-833A-6954
Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCACCGTGTACCCAGGATGGTCTCG 2304
      |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 1 AGTAGACAGGGTTTCACCGTGTACCCAGGATGGTCTCG 41

RESULT 88
US-10-349-143-2999
; Sequence 2999, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 2999
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
```

; LOCATION: 24
 ; OTHER INFORMATION: 99-21516-293 : polymorphic base G or T
 US-10-349-143-2999

Query Match 1.6%; Score 37; DB 1; Length 47;
Best Local Similarity 85.1%; Pred. No. 1.4e+02;
Matches 40; Conservative 1; Mismatches 6; Indels

Qy 2322 TCGGCCACCTCGGCCTCCCAAAGTCTGGGATTACAGGCATGAGCC 2368
||||| : |||||
Db 1 TCCGCCTGCTCAGCCTCCCAAAGTCTGGGATTATAGCGCTGAGCC 47

RESULT 89

```

US-10-457-839-1
; Sequence 1, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-1

```

Query Match 1.5%; Score 36.2; DB 1; Length 42;
Best Local Similarity 92.7%; Pred. No. 1.5e+02;
Matches 38; Conservative 0; Mismatches 3; Indels

Qy 2331 CTGGGCCTCCCAAAGTCTGGGATTACAGGCATGAGCCACC 2371
|||
Db 2 CTGGGCCTCCCAAAGTCTGGGATTACAGGTGTGAGCCATC 42

RESULT 90

```

RES001 30
US-09-764-887-517/c
; Sequence 517, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PALL3
; CURRENT APPLICATION NUMBER: US/09/764,887
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 517
; LENGTH: 45
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-517

```

Query Match 1.5%; Score 35.4; DB 1; Length 45;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 39; Conservative 0; Mismatches 6; Indels

QY 2087 TATTATTTTTTTGAGACCGAGTCTTGCTGTACCCAGGCTGG 2131

D_b
45 TTTT TTTT TTTT GAGACGGAGTCCTCGCTCTGTCCCCCAGGCTGG 1
D_b

RESULT 91

```

US-09-764-891-5621/c
; Sequence 5621, Application US/09764891
; Publication No. US20030077808A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Rozen et al.
;
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;
; FILE REFERENCE: PC006
;
; CURRENT APPLICATION NUMBER: US/09/764,891
;
; CURRENT FILING DATE: 2001-01-17
;
; Prior application data removed - consult PALM or file wrapper
;
; NUMBER OF SEQ ID NOS: 10231
;
; SOFTWARE: PatentIn Ver. 2.0
;
; SEQ ID NO 5621
;
; LENGTH: 45
;
; TYPE: DNA
;
; ORGANISM: Homo sapiens
;
US-09-764-891-5621

```

Query Match 1.5%; Score 35.4; DB 1;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 39: Conservative 0; Mismatches 6; Indels

QY 2087 TATTATTTTTTTGAGACCGAGTCTTGCTCTGTACCAGGCTGG 2131
| | | | | | | | | | | | | | | | | | | |
Db 45 TTTTTCCTTTTTCAGACGGAGTCTCGCTCTGTCCCCCAGGTGG 1

RESULT 92

```

US-10-073-961-517/c
; Sequence 517, Application US/10073961
; Publication No. US20030077602A1
GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA113C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/235,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14

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1	PRIOR APPLICATION NUMBER: 60/251,865
2	PRIOR FILING DATE: 2000-12-08
3	PRIOR APPLICATION NUMBER: 60/235,834
4	PRIOR FILING DATE: 2000-09-27
5	PRIOR APPLICATION NUMBER: 60/234,274
6	PRIOR FILING DATE: 2000-09-21
7	PRIOR APPLICATION NUMBER: 60/234,223
8	PRIOR FILING DATE: 2000-09-21
9	PRIOR APPLICATION NUMBER: 60/228,924
10	PRIOR FILING DATE: 2000-08-30
11	PRIOR APPLICATION NUMBER: 60/224,518
12	PRIOR FILING DATE: 2000-08-14
13	PRIOR APPLICATION NUMBER: 60/236,369
14	PRIOR FILING DATE: 2000-09-29
15	PRIOR APPLICATION NUMBER: 60/224,519
16	PRIOR FILING DATE: 2000-08-14
17	PRIOR APPLICATION NUMBER: 60/220,964
18	PRIOR FILING DATE: 2000-07-26
19	PRIOR APPLICATION NUMBER: 60/241,809
20	PRIOR FILING DATE: 2000-10-20
21	PRIOR APPLICATION NUMBER: 60/249,299
22	PRIOR FILING DATE: 2000-11-17
23	PRIOR APPLICATION NUMBER: 60/236,327
24	PRIOR FILING DATE: 2000-09-29
25	PRIOR APPLICATION NUMBER: 60/241,785
26	PRIOR FILING DATE: 2000-10-20
27	PRIOR APPLICATION NUMBER: 60/244,617
28	PRIOR FILING DATE: 2000-11-01
29	PRIOR APPLICATION NUMBER: 60/225,268
30	PRIOR FILING DATE: 2000-08-14
31	PRIOR APPLICATION NUMBER: 60/236,368
32	PRIOR FILING DATE: 2000-09-29
33	PRIOR APPLICATION NUMBER: 60/251,856
34	PRIOR FILING DATE: 2000-12-08
35	PRIOR APPLICATION NUMBER: 60/251,868
36	PRIOR FILING DATE: 2000-12-08
37	PRIOR APPLICATION NUMBER: 60/229,344
38	PRIOR FILING DATE: 2000-09-01
39	PRIOR APPLICATION NUMBER: 60/234,997
40	PRIOR FILING DATE: 2000-09-25
41	PRIOR APPLICATION NUMBER: 60/229,343
42	PRIOR FILING DATE: 2000-09-01
43	PRIOR APPLICATION NUMBER: 60/229,345
44	PRIOR FILING DATE: 2000-09-01
45	PRIOR APPLICATION NUMBER: 60/229,287
46	PRIOR FILING DATE: 2000-09-01
47	PRIOR APPLICATION NUMBER: 60/229,513
48	PRIOR FILING DATE: 2000-09-05
49	PRIOR APPLICATION NUMBER: 60/231,413
50	PRIOR FILING DATE: 2000-09-08
51	PRIOR APPLICATION NUMBER: 60/229,509
52	PRIOR FILING DATE: 2000-09-05
53	PRIOR APPLICATION NUMBER: 60/236,367
54	PRIOR FILING DATE: 2000-09-29
55	PRIOR APPLICATION NUMBER: 60/237,039
56	PRIOR FILING DATE: 2000-10-02
57	PRIOR APPLICATION NUMBER: 60/237,038
58	PRIOR FILING DATE: 2000-10-02
59	PRIOR APPLICATION NUMBER: 60/236,370
60	PRIOR FILING DATE: 2000-09-29
61	PRIOR APPLICATION NUMBER: 60/236,802
62	PRIOR FILING DATE: 2000-10-02
63	PRIOR APPLICATION NUMBER: 60/237,037
64	PRIOR FILING DATE: 2000-10-02
65	PRIOR APPLICATION NUMBER: 60/239,935
66	PRIOR FILING DATE: 2000-10-13
67	PRIOR APPLICATION NUMBER: 60/239,937
68	PRIOR FILING DATE: 2000-10-13
69	PRIOR APPLICATION NUMBER: 60/241,787

;	PRIOR FILING DATE:	2000-10-20	
;	PRIOR APPLICATION NUMBER:	60/246,474	
;	PRIOR FILING DATE:	2000-11-08	
;	PRIOR APPLICATION NUMBER:	60/246,532	
;	PRIOR FILING DATE:	2000-11-08	
;	PRIOR APPLICATION NUMBER:	60/249,216	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,210	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/226,681	
;	PRIOR FILING DATE:	2000-08-22	
;	PRIOR APPLICATION NUMBER:	60/225,759	
;	PRIOR FILING DATE:	2000-08-14	
;	PRIOR APPLICATION NUMBER:	60/225,213	
;	PRIOR FILING DATE:	2000-08-14	
;	PRIOR APPLICATION NUMBER:	60/235,836	
;	PRIOR FILING DATE:	2000-09-27	
;	PRIOR APPLICATION NUMBER:	60/230,438	
;	PRIOR FILING DATE:	2000-09-06	
;	PRIOR APPLICATION NUMBER:	60/215,135	
;	PRIOR FILING DATE:	2000-06-30	
;	PRIOR APPLICATION NUMBER:	60/225,266	
;	PRIOR FILING DATE:	2000-08-14	
;	PRIOR APPLICATION NUMBER:	60/249,218	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,208	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,213	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,212	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,207	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,245	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,244	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,217	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,211	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,215	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,264	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,214	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/249,297	
;	PRIOR FILING DATE:	2000-11-17	
;	PRIOR APPLICATION NUMBER:	60/232,400	
;	PRIOR FILING DATE:	2000-09-14	
;	PRIOR APPLICATION NUMBER:	60/231,242	
;	PRIOR FILING DATE:	2000-09-08	
;	PRIOR APPLICATION NUMBER:	60/232,081	
;	PRIOR FILING DATE:	2000-09-08	
;	PRIOR APPLICATION NUMBER:	60/232,080	
;	PRIOR FILING DATE:	2000-09-08	
;	PRIOR APPLICATION NUMBER:	60/231,414	
;	PRIOR FILING DATE:	2000-09-08	
;	PRIOR APPLICATION NUMBER:	60/231,244	
;	PRIOR FILING DATE:	2000-09-08	
;	PRIOR APPLICATION NUMBER:	60/232,397	
;	PRIOR FILING DATE:	2000-09-14	
;	PRIOR APPLICATION NUMBER:	60/232,399	
;	PRIOR FILING DATE:	2000-09-14	

1	PRIOR APPLICATION NUMBER: 60/232,401
2	PRIOR FILING DATE: 2000-09-14
3	PRIOR APPLICATION NUMBER: 60/241,808
4	PRIOR FILING DATE: 2000-10-20
5	PRIOR APPLICATION NUMBER: 60/241,826
6	PRIOR FILING DATE: 2000-10-20
7	PRIOR APPLICATION NUMBER: 60/241,786
8	PRIOR FILING DATE: 2000-10-20
9	PRIOR APPLICATION NUMBER: 60/241,221
10	PRIOR FILING DATE: 2000-10-20
11	PRIOR APPLICATION NUMBER: 60/246,475
12	PRIOR FILING DATE: 2000-11-08
13	PRIOR APPLICATION NUMBER: 60/231,243
14	PRIOR FILING DATE: 2000-09-08

	Query Match	1.5%; Score 35.4; DB 1; Length 45;
	Best Local Similarity 86.7%; Pred. No. 1.6e+02;	
	Matches 39; Conservative 0; Mismatches 2; Indels	
QY	2087 TATTATTTTTTTCAGACCGAGTCTGTCTGTGTATCCCGAGGTGG	2131
Db	45 TTTTITTTTTTTTTTCAGACCGAGTCTGTCTGTGTCCCGAGGTGG	1

```

RESULT 93
US-10-035-833A-2976
/ Sequence 2976, Application US/10035833A
/ Publication No. US20040072156A1
/ GENERAL INFORMATION:
/ APPLICANT: Nakamura, Yuho
/ APPLICANT: Sekine, Akihiro
/ APPLICANT: Iida, Aritoehi
/ APPLICANT: Saito, Osamu
/ APPLICANT:
/ TITLE OF INVENTION: Detection of Genet
/ FILE REFERENCE: FORS-06904
/ CURRENT APPLICATION NUMBER: US/10/035,
/ CURRENT FILING DATE: 2001-12-27
/ NUMBER OF SEQ ID NOS: 7669
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 2976
/ LENGTH: 41
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-035-833A-2976

```

	Query Match	1.55;	Score 34.8;	DB 1;	Length 41;
	Best Local Similarity	90.08;	Pred. No. 1.7e+02;		
	Matches 36;	Conservative	1;	Mismatches 3;	Indels
QY	2032	TTTTTTTTGACACGAGCTCTTGCTGTGTATCCAGGCTGG	2131		
Db	1	TTTTTTTTTGATCGAGCTGTGCTGTGTGCCAGGCTGG	40		

```

RESULT 94
US-10-035-833A-5139
; Sequence 5139, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Ikeda, Arutoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genet:
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5139
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens

```

US-10-035-833A-5139

```

Query Match      1.5%; Score 34.8; DB 1; Length 41;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 36; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2092 TTTTTCGAGCCGAGCTCTGCTCTGTACCCAGCTGG 2131
      |||||
Db 1 TTTTTCGAGTGGAGTCTYGTCTGTGTGCCAGCTGG 40
      |||||

```

```

RESULT 95
US-10-453-827-56/c
; Sequence 56, Application US/10453827
; Publication NO. US20040033582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-56

```

	Query Match	1.5%	Score 34.6;	DB 1;	Length 41;
	Best Local Similarity	90.2%;	Pred. No. 1.8e+02;		
	Matches 37;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;
QY	2298	GGTCTCGATCTCTGTACCTCGTGATCCGCCACCTCGGCCT	2338		
Db	41	GGTCTTGAACCTCTTAACCTCGTGATCCACCCACCTCGGCCT	1		

```

RESULT 96
US-10-198-069--47
; Sequence 47, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-198-069--47

```

```
Query Match      1.4%; Score 34.2; DB 1; Length 39;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 36; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 203
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-203

Query Match          1.4%; Score 33; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 2.1e+02;
Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGTATCCGCCACCTCGGCCT 2338
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 41 GGTCTGAACTCCTTAACCTCATGATCCACCACTCGGCCT 1

RESULT 102
US-10-035-833A-901/c
; Sequence 901, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035.833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 901
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-901

Query Match          1.4%; Score 32.6; DB 1; Length 41;
Best Local Similarity 85.4%; Pred. No. 2.2e+02;
Matches 35; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGAGGTTTCACCGTGTAGCC 2292
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 41 TTTTGTATTTTAGTAGAGAGGGTTTCGCCATGTGGCC 1

RESULT 103
US-10-035-833A-6909/c
; Sequence 6909, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035.833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6909
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6909

Query Match          1.4%; Score 32.6; DB 1; Length 41;
Best Local Similarity 85.4%; Pred. No. 2.2e+02;
Matches 35; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGAGGTTTCACCGTGTAGCC 2292
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 41 TTTTGTATTTTAGTAGAGAGGGTTTCGCCATGTGGCC 1

RESULT 104
US-10-277-216-276/c
; Sequence 276, Application US/10277216
; Publication No. US2004002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 276
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequence
US-10-277-216-276

Query Match          1.3%; Score 32; DB 1; Length 41;
Best Local Similarity 87.5%; Pred. No. 2.4e+02;
Matches 35; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2315 CTGCTGATCGCCACCTCGGCCTCCCAAAGTCTGGAT 2354
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 40 CTGCTGATCTCTCTACCCCGGCTTCCCAAAGTCTGGAT 1

RESULT 105
US-10-126-022-276/c
; Sequence 276, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 276
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequence
US-10-126-022-276

Query Match          1.3%; Score 32; DB 1; Length 41;
Best Local Similarity 87.5%; Pred. No. 2.4e+02;
Matches 35; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2315 CTGCTGATCGCCACCTCGGCCTCCCAAAGTCTGGAT 2354
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 40 CTGCTGATCTCTCTACCCCGGCTTCCCAAAGTCTGGAT 1
```

```
RESULT 106
US-10-035-833A-358/c
; Sequence 358, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 358
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-358

Query Match      1.3%; Score 31.6; DB 1; Length 41;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 34; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2263 TAGTAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCT 2302
      |||||
DB 41 TAGTAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCT 2

RESULT 107
US-10-035-833A-6509/c
; Sequence 6509, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6509
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6509

Query Match      1.3%; Score 31.6; DB 1; Length 41;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 34; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2263 TAGTAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCT 2302
      |||||
DB 41 TAGTAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCT 2

RESULT 108
US-10-035-833A-5315
; Sequence 5315, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5315
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-5315

Query Match      1.3%; Score 31; DB 1; Length 40;
Best Local Similarity 87.2%; Pred. No. 2.7e+02;
Matches 34; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2257 TACTTTTAGTAGACAGCGGTTTCACCGTGTAGCCAGG 2295
      |||||
DB 1 TATTTTAGTAGACAGCGGTTTCACCATATTGCCAGG 39

RESULT 109
US-10-035-833A-33/c
; Sequence 33, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-33

Query Match      1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 82.9%; Pred. No. 2.7e+02;
Matches 34; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2092 TTTTTCAGACCGAGTCTGCTGCTACCCAGGCTGGA 2132
      |||||
DB 41 TTTTTCAGATGAAGTCTGCTGCTACCCAGGCTGGA 1

RESULT 110
US-10-035-833A-3909/c
; Sequence 3909, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3909
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-3909

Query Match      1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 82.9%; Pred. No. 2.7e+02;
Matches 34; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2092 TTTTTCAGACCGAGTCTGCTGCTACCCAGGCTGGA 2132
      |||||
DB 41 TTTTTCAGATGAAGTCTGCTGCTACCCAGGCTGGA 1
```

QY 2092 TTTTITGACCGAGCTGTCTGTCTTACCCAGGCTGGA 2132
|||||
Db 41 TTTTITGAGATGAAGTCTTACTCTGTCAACCCAGCTGGA 1

RESULT 111
US-10-035-833A-6186
; Sequence 6186, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035.833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6186
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6186

Query Match 1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 82.9%; Pred. No. 2.7e+02;
Matches 34; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
QY 2272 CAGGGTTTCCAGCTGTAGCCAGGAGTGTCTCGATCTCCCTG 2312
|||||
Db 1 CAGAGTTTCCACCATGTGGCYAGGCTGTCTTGAACCTCTG 41

RESULT 112
US-10-035-833A-7054
; Sequence 7054, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035.833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7054
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-7054

Query Match 1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 82.9%; Pred. No. 2.7e+02;
Matches 34; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
QY 2195 GCCTCAGCCTCCCAATAGCTTGGCCTACAGTCACTCTGCCA 2235
|||||
Db 1 GCCTCAGCCTCCCAATAGCTTGGCCTACAGTCACTCTGCCA 41

RESULT 113
US-10-353-033-11/c
; Sequence 11, Application US/10353033
; Publication No. US2003020381A1
; GENERAL INFORMATION:
; APPLICANT: HITACHI, LTD.
; TITLE OF INVENTION: A genetic analysis method

; FILE REFERENCE: H200747
; CURRENT APPLICATION NUMBER: US/10/353.033
; CURRENT FILING DATE: 2003-01-29
; PRIOR APPLICATION NUMBER: JP 2002-121819
; PRIOR FILING DATE: 2002-04-24
; NUMBER OF SEQ ID NOS: 16
; SEQ ID NO 11
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA template
US-10-353-033-11

Query Match 1.3%; Score 30.8; DB 1; Length 36;
Best Local Similarity 88.9%; Pred. No. 2.7e+02;
Matches 32; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 2305 ATCTCTGACCTCGTATCGCCACCTCGGCTCC 2340
|||||
Db 36 AACTCTAACCTCGTATCGCCACCTCGGCTCC 1

RESULT 114
US-10-198-069-36
; Sequence 36, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198.069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-198-069-36

Query Match 1.3%; Score 29.8; DB 1; Length 33;
Best Local Similarity 93.9%; Pred. No. 3e+02;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2331 CTCGGCTCCCAAGTCTGGATTACAGGCAT 2363
|||||
Db 1 CTCAGCCTCCCAAGTCTGGATTACAGGCAT 33

RESULT 115
US-09-764-887-551
; Sequence 551, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PALL3
; CURRENT APPLICATION NUMBER: US/09/764,887
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658


```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 551
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-551

Query Match      1.2%; Score 28.8; DB 1; Length 32;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 30; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2250 TTTTTCGACTTTTAGTAGACAGCGGTTTCA 2281
Db      1 TTTTTCGACTTTTAGTAGACAGCGGTTTCA 32

RESULT 116
US-10-073-961-551
; Sequence 551, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P113C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,474
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,532
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,216
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,210
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/226,681
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,759
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/225,213
; PRIOR FILING DATE: 2000-08-14
```

```

Query Match      1.2%; Score 28.8; DB 1; Length 32;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 30; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2250 TTTTGTGCTACTTTAGTAGAGACAGGGTTTCCA 2281
          ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB       1 TTTTGTGCTATTTTAGTAGAGACAGGGTTTCCA 32

RESULT 117
US-10-415-247-14
; Sequence 14, Application US/10415247
; Publication No. US20040013655A1
; GENERAL INFORMATION:
; APPLICANT: Shiozawa, Shunichi
; TITLE OF INVENTION: Genome responsible for chronic rheumatoid arthritis,
; TITLE OF INVENTION: diagnostic method, pathogenicity judging method and
; TITLE OF INVENTION: detection-use diagnostic kit of chronic rheumatoid
; TITLE OF INVENTION: arthritis, and therapeutic method and medicine of
; TITLE OF INVENTION: chronic rheumatoid arthritis
; FILE REFERENCE: TLOP1-2
; CURRENT APPLICATION NUMBER: US/10/415,247
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: JP 2000-324296
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: JP 2001-90546
; PRIOR FILING DATE: 2001-3-27
; PRIOR APPLICATION NUMBER: JP 2001-99990
; PRIOR FILING DATE: 2001-3-30
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide
US-10-415-247-14

Query Match      1.2%; Score 28.4; DB 1; Length 30;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2295 GATGGTCTGATCTCCTGACCTCGTGATCC 2324
          ||||| ||||| ||||| ||||| ||||| |||||
DB       1 GATGGTCTGATCTCCTGACCTCGTGATCC 30

RESULT 118
US-10-415-247-15/c
; Sequence 15, Application US/10415247
; Publication No. US20040013655A1
; GENERAL INFORMATION:
; APPLICANT: Shiozawa, Shunichi
; TITLE OF INVENTION: Genome responsible for chronic rheumatoid arthritis,
; TITLE OF INVENTION: diagnostic method, pathogenicity judging method and
; TITLE OF INVENTION: detection-use diagnostic kit of chronic rheumatoid
; TITLE OF INVENTION: arthritis, and therapeutic method and medicine of
; TITLE OF INVENTION: chronic rheumatoid arthritis
; FILE REFERENCE: TLOP1-2
; CURRENT APPLICATION NUMBER: US/10/415,247
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: JP 2000-324296
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: JP 2001-90546
; PRIOR FILING DATE: 2001-3-27
; PRIOR APPLICATION NUMBER: JP 2001-99990
; PRIOR FILING DATE: 2001-3-30
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 30
; TYPE: DNA

```

```
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide
US-10-415-247-15

Query Match          1.2%; Score 28.4; DB 1; Length 30;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2295 GATGGTCTCGATCTCCTGACCTCGTGATCC 2324
      |||||
Db 30 GATGGTCTTGATCTCCTGACCTCGTGATCC 1

RESULT 119
US-10-091-281-140/c
; Sequence 140, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091.281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 140
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif
US-10-091-281-140

Query Match          1.2%; Score 28.4; DB 1; Length 32;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTACAGCGGTAGCCACCG 2372
      |||||
Db 32 AAGTGCTGGGATTACAGCGGTAGCCACCG 3

RESULT 120
US-10-091-281-359/c
; Sequence 359, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091.281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 359
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif
US-10-091-281-359

Query Match          1.2%; Score 28.4; DB 1; Length 32;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTACAGCGGTAGCCACCG 2372
      |||||
```

```
Db 32 AAGTGCTGGGATTACAGCGGTAGCCACCG 3

RESULT 121
US-09-225-201-27
; Sequence 27, Application US/09225201
; Patent No. US20010007744A1
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Bokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic, Field & Francis LLP
; STREET: 200 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: CLON-001CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-225-201-27

Query Match          1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 GGAGATATGTTGTGAAGAGCAGTAGC 947
      |||||
Db 1 GGAGATATGTTGTGAAGAGCAGTAGC 28

RESULT 122
US-09-225-201-28/c
; Sequence 28, Application US/09225201
; Patent No. US20010007744A1
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Bokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
```

```
;
; ADDRESSE: Bozicevic, Field & Francis LLP
; STREET: 200 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: CLON-001CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-225-201-28

Query Match 1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1204 CTTAGCTGACTATTGGAATGCATTC 1231
Db 28 CTTAGCTGACTATTGGAATGCATTC 1

RESULT 123
US-09-764-891-9495/c
; Sequence 9495, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9495
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-9495

Query Match 1.2%; Score 27.8; DB 1; Length 33;
Best Local Similarity 93.5%; Pred. No. 3.8e+02;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTACCCAGGCTGGAGTGCAGTGG 2141
Db 33 TCGCTCTGTTGCCAGGCTGGAGTGCAGTGG 3

RESULT 124
US-09-764-891-9495/c
; Sequence 9495, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9495
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-9495

Query Match 1.2%; Score 27.8; DB 1; Length 33;
Best Local Similarity 93.5%; Pred. No. 3.8e+02;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTACCCAGGCTGGAGTGCAGTGG 2141
Db 33 TCGCTCTGTTGCCAGGCTGGAGTGCAGTGG 3
```

```
RESULT 124
US-10-091-414-338/c
; Sequence 338, Application US/10091414
; Publication No. US20030224461A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PAIL6C1
; CURRENT APPLICATION NUMBER: US/10/091,414
; CURRENT FILING DATE: 2002-03-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 392
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 338
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-091-414-338

Query Match 1.2%; Score 27.8; DB 1; Length 33;
Best Local Similarity 93.5%; Pred. No. 3.8e+02;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTACCCAGGCTGGAGTGCAGTGG 2141
Db 33 TCGCTCTGTTGCCAGGCTGGAGTGCAGTGG 3

RESULT 125
US-10-336-638-196
; Sequence 196, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 196
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1287
US-10-336-638-196

Query Match 1.1%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 4.1e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGCTCTCCCAAGTGTGGATTACAGG 2360
Db 1 TTGGCTCTCCCAAGTGTGGATTACAGG 29

RESULT 126
US-10-336-638-513
; Sequence 513, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
```

Query Match	1.1%	Score 26.8	DB 1	Length 32
Best Local Similarity	93.3%	Pred. No. 4.2e+02		
Matches 28	Conservative	0	Mismatches 2	Indels 0
			Gaps	0

RESULT 129

RESULT 128

US-10-091-281-317/c
; Sequence 317, Application US/10091281

Query Match 1.1%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 415 TGAAGTTATTAAAGTCTCTGGTGCA 440
|||||
Db 26 TGAAGTTATTAAAGTCTCTGGTGCA 1

RESULT 130

US-10-006-922-19
Sequence 19, Application US/10006922
Publication No. US20020197676A1
GENERAL INFORMATION:
APPLICANT: Lukyanov, Sergey A.
APPLICANT: Fradkov, Arcady F.
APPLICANT: Labas, Yulii A.
APPLICANT: Matz, Mikhail V.
APPLICANT: Terekikh, Alexey
TITLE OF INVENTION: NO. US20020197676A1 Chromophores/Fluorophores and
TITLE OF INVENTION: Methods for Using the Same
FILE REFERENCE: CLON-035CIP
CURRENT APPLICATION NUMBER: US/10/006.922
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 09/120,330
PRIOR FILING DATE: 1998-12-11
PRIOR APPLICATION NUMBER: 09/457,898
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/458,144
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/458,477
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/457,556
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/444,338
PRIOR FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 46
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 19
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-006-922-19

Query Match 1.1%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGCTGTACC 337
|||||
Db 1 ATGTGCAATACCAACATGCTGTACC 26

RESULT 131

US-10-005-344-270/c
Sequence 270, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005.344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 270
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-10-005-344-270

Query Match 1.1%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 415 TGAAGTTATTAAAGTCTCTGGTGCA 440
|||||
Db 26 TGAAGTTATTAAAGTCTCTGGTGCA 1

RESULT 132

US-10-336-638-503
Sequence 503, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336.638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 503
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: GLUT4EX11 1005
US-10-336-638-503

Query Match 1.1%; Score 26; DB 1; Length 29;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGATTACAGGCATGACCCG 2372
|||||
Db 1 GTGCTGGATTACAGGCATGACCCG 28

RESULT 133

US-10-336-638-156
Sequence 156, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336.638

```
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 156
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC1EX1 1020
US-10-336-638-156

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGACAGCGGTTTCAC 2282
      ||||| ||| ||||| ||||| ||||| |||||
Db 1 TTGTATTTTCAGTAKAGACAGCGGTTTCAC 29

RESULT 134
US-10-336-638-195
; Sequence 195, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 195
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1281
US-10-336-638-195

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGCCCTCCCAAGTCTGGGAT 2354
      ||||| ||| ||||| ||||| ||||| |||||
Db 1 CCCGCTTGGCCCTCCTCAAGTCTGGGAT 29

RESULT 135
US-10-336-638-512
; Sequence 512, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
```

```
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 512
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 935
US-10-336-638-512

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2275 GGTTCACCGTGTAGCCAGGATGGTCTC 2303
      ||||| ||| ||||| ||||| ||||| |||||
Db 1 GGTTCACCATGTTRGCCAAGATGGTCTC 29

RESULT 136
US-10-336-638-705
; Sequence 705, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 705
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PG1SEX10 3186
US-10-336-638-705

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2319 TGATCGCCACCTCGGCTCCCAAGTG 2347
      ||||| ||| ||||| ||||| ||||| |||||
Db 1 TGATCTGCCCGCTCGGCTCCCAAGTG 29

RESULT 137
US-09-214-371-69/c
; Sequence 69, Application US/09214371B
; Patent No. US20010018511A1
; GENERAL INFORMATION:
; APPLICANT: Lane, David
; APPLICANT: Bottger, Volker
; APPLICANT: Bottger, Angelica
```

```
; APPLICANT: Picklesley, Stephen
; APPLICANT: Chene, Patrick
; APPLICANT: Hochkeppel, Heinz-Kurt
; APPLICANT: Garcia-Echeverria, Carlos
; APPLICANT: Furet, Pascal
; TITLE OF INVENTION: Inhibitors of the Interaction of p53 and MDM2
; FILE REFERENCE: 4-20937/A/PCT
; CURRENT APPLICATION NUMBER: US/09/214,371B
; CURRENT FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: PCT/EP97/03549
; PRIOR FILING DATE: 1997-07-04
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer DNA
US-09-214-371-69
```

```
Query Match 1.1%; Score 25.4; DB 1; Length 32;
Best Local Similarity 96.3%; Pred. No. 4.9e+02;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1764 ATTGTGCTAACTATTTCCTCCCTAGTTG 1790
Db 32 ATTGTGCTAACTATTTCCTCCCTAGCTG 6
```

```
RESULT 138
US-10-085-906-125
; Sequence 125, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-125
```

```
Query Match 1.1%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2100 GAGACCGAGTCTTGCTCTGTACCCAGGCT 2129
Db 1 GAGACGGAGTCTTGCTCTGTGCCCCAGGCT 30
```

```
RESULT 139
US-10-085-906-145/c
; Sequence 145, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
```

```
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-145
```

```
Query Match 1.1%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2100 GAGACCGAGTCTTGCTCTGTACCCAGGCT 2129
Db 30 GAGACTGAGTCTTGCTCTGTGCCCCAGGCT 1
```

```
RESULT 140
US-10-085-906-299
; Sequence 299, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-299
```

```
Query Match 1.1%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2100 GAGACCGAGTCTTGCTCTGTACCCAGGCT 2129
Db 1 GAGACGGAGTCTTGCTCTGTGCCCCAGGCT 30
```

```
RESULT 141
US-09-752-983-271
; Sequence 271, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
```


;; TITLE OF INVENTION: EXPRESSION
;; NUMBER OF SEQUENCES: 271
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Law Offices of Jane Massey Licata
;; STREET: 66 East Main Street
;; CITY: Marlton
;; STATE: NJ
;; COUNTRY: U.S.A.
;; ZIP: 08053
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;; COMPUTER: IBM PC
;; OPERATING SYSTEM: WINDOWS 95
;; SOFTWARE: WORDPERFECT 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/752,983
;; FILING DATE: 02-Jan-2001
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 271:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 25 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;; US-09-752-983-271

Query Match 1.1%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 355 CCACCTCACAGATTCAGCTTCGGA 379
|||
DB 1 CCACCTCACAGATTCAGCTTCGGA 25

RESULT 142
US-09-837-149-4
; Sequence 4, Application US/09837149
; Publication No. US20010046667A1
; GENERAL INFORMATION:
; APPLICANT: Cloyd, Miles W.
; APPLICANT: Yeh, Chi-Cheng M.
; APPLICANT: Chen, Jianmin
; TITLE OF INVENTION: PCR-Hybridization Assays Specific for
; TITLE OF INVENTION: Integrated Retroviruses
; FILE REFERENCE: D6285
; CURRENT APPLICATION NUMBER: US/09/837,149
; CURRENT FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: US 60/198,884
; PRIOR FILING DATE: 2000-04-19
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 4
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer
; OTHER INFORMATION: primer for the Alu sequence in the human
; OTHER INFORMATION: chromosomal DNA
US-09-837-149-4

Query Match 1.1%; Score 25; DB 1; Length 25;

Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2335 GCCTCCCAAGTCTGGGATTACAG 2359
|||
DB 1 GCCTCCCAAGTCTGGGATTACAG 25
RESULT 143
US-10-005-344-271
; Sequence 271, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 271
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-005-344-271

Query Match 1.1%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 355 CCACCTCACAGATTCAGCTTCGGA 379
|||
DB 1 CCACCTCACAGATTCAGCTTCGGA 25

RESULT 144
US-10-336-638-703
; Sequence 703, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 703
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```
; OTHER INFORMATION: PGISEX10 3139
US-10-336-638-703

Query Match      1.1%; Score 25; DB 1; Length 29;
Best Local Similarity 92.6%; Pred. No. 5.1e+02;
Matches 25; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2274 GGGTTTCCACCGTGTAGCCAGATGGT 2300
Db 3 GGAATTTCCACCGTGTAGCCAGATGGT 29

RESULT 145
US-10-085-906-236
; Sequence 236, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT FILING DATE: 2002-02-27
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-236

Query Match      1.0%; Score 24.8; DB 1; Length 30;
Best Local Similarity 92.9%; Pred. No. 5.2e+02;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGTCTTGCTGTGTTACC 2123
Db 1 TTTTGAGACCGAGTCTTGCTGTGTTGCC 28

RESULT 146
US-10-336-638-193
; Sequence 193, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 193
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: APOC4 1150
US-10-336-638-193

Query Match      1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2343 AAGTGTGGGATTACAGGCATGAGCCAC 2370
Db 1 AAGTGTAGGATTAYAGGCGTGAGCCAC 28

RESULT 147
US-10-336-638-698
; Sequence 698, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 698
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: PGISEX10 3009
US-10-336-638-698

Query Match      1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2140 GGGTGATCTTGGCTCACTGCAAGCTCTG 2167
Db 2 GCGTGATCTCGGCYCACTGCAAGCTCTG 29

RESULT 148
US-10-336-638-704
; Sequence 704, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 704
```

```
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3140
US-10-336-638-704

Query Match      1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCAGGATGTC 2301
      |||||||:|||||||
Db 2 GGATTCACCGTAGCCAGGATGGTC 29

RESULT 149
US-09-044-602-1
; Sequence 1, Application US/09044602
; Publication No. US20020193325A1
; GENERAL INFORMATION:
; APPLICANT: Depinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/09/044,602
; CURRENT FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-09-044-602-1

Query Match      1.0%; Score 24.2; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 5.6e+02;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 964 CGCATCGAATCCGATCTTGATGCTGGT 992
      |||||||:|||||||
Db 1 CGCATCTAGACCGGATCTTGATGCTGGT 29

RESULT 150
US-10-424-630-1
; Sequence 1, Application US/10424630
; Publication No. US20030176350A1
; GENERAL INFORMATION:
; APPLICANT: Depinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/10/424,630
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: US/09/044,602
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-10-424-630-1

Query Match      1.0%; Score 24.2; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 5.6e+02;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 964 CGCATCGAATCCGATCTTGATGCTGGT 992
      |||||||:|||||||
```

```
Db 1 CGCATCTAGACCGGATCTTGATGCTGGT 29

RESULT 151
US-10-085-906-14
; Sequence 14, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-14

Query Match      1.0%; Score 24.2; DB 1; Length 30;
Best Local Similarity 89.7%; Pred. No. 5.6e+02;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGTATCCAGGC 2128
      |||||||:|||||||
Db 1 GGGACAGAGTCTTGCTCTGTATCCAGGC 29

RESULT 152
US-10-746-547-75/c
; Sequence 75, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 75
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-75

Query Match      1.0%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1097 TGAAGAAGGACAAGAACTCTCAGA 1120
      |||||||:|||||||
Db 24 TGAAGAAGGACAAGAACTCTCAGA 1

RESULT 153
US-09-214-371-71
; Sequence 71, Application US/09214371B
```

; Patent No. US20010018511A1
; GENERAL INFORMATION:
; APPLICANT: Lane, David
; APPLICANT: Botzger, Volker
; APPLICANT: Botzger, Angelica
; APPLICANT: Pickaley, Stephen
; APPLICANT: Chene, Patrick
; APPLICANT: Hochkeppel, Heinz-Kurt
; APPLICANT: Garcia-Echeverria, Carlos
; APPLICANT: Furet, Pascal
; TITLE OF INVENTION: Inhibitors of the Interaction of p53 and MDM2
; FILE REFERENCE: 4-20937/A/PCT
; CURRENT APPLICATION NUMBER: US/09/214,371B
; CURRENT FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: PCT/EP97/03549
; PRIOR FILING DATE: 1997-07-04
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 71
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer DNA
US-09-214-371-71

Query Match 1.0%; Score 24; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1191 GATCCTGAAATTCCTTAGCTGAC 1214
|||||
DB 4 GATCCTGAAATTCCTTAGCTGAC 27

RESULT 154
US-10-336-638-706
; Sequence 706, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 706
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3214
US-10-336-638-706

Query Match 1.0%; Score 24; DB 1; Length 29;
Best Local Similarity 92.3%; Pred. No. 5.7e+02;
Matches 24; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACGATGACCG 2372
|||||
DB 1 GCTGGATTACAGGYGTGACCG 26

RESULT 155
US-10-336-638-79/c
; Sequence 79, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: AELEX20 1679
US-10-336-638-79

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2098 TTGAGACCGAGTCTTGCTGTACCCAG 2126
|||||
DB 29 TTGAGACAGGCTCTGCTGTGCCCCAG 1

RESULT 156
US-10-336-638-158
; Sequence 158, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 158
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC1EX1 1057
US-10-336-638-158

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2303 CGATCTCCTGACCTCGTGATCCGCCACC 2331
|||||

Db 1 CGATCTCCTGACTTGTGTGATCCGCGCTGCC 29

RESULT 157

US-10-336-638-185/c
 ; Sequence 185, Application US/10336638
 ; Publication No. US20030170699A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fan, Jian Bing
 ; APPLICANT: Chakravarti, Aravinda
 ; APPLICANT: Halushka, Marc Kenneth
 ; APPLICANT: Case Western Reserve University School of Medicine
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Polymorphisms Associated With
 ; FILE REFERENCE: 018547-034210US
 ; CURRENT APPLICATION NUMBER: US/10/336,638
 ; CURRENT FILING DATE: 2003-01-02
 ; PRIOR APPLICATION NUMBER: US/09/304,232
 ; PRIOR FILING DATE: 1999-05-03
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
 ; NUMBER OF SEQ ID NOS: 909
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 185
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: APOC3 1975
 US-10-336-638-185

Query Match 1.0%; Score 23.8; DB 1; Length 29;
 Best Local Similarity 86.2%; Pred. No. 5.8e+02;
 Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2110 CTGCTCTGTATCCAGGCTGGAGTGCGAG 2138

Db 29 CTCCTCTGTACCCYAGGCTGGAGTGCGAG 1

RESULT 158

US-10-336-638-514
 ; Sequence 514, Application US/10336638
 ; Publication No. US20030170699A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fan, Jian Bing
 ; APPLICANT: Chakravarti, Aravinda
 ; APPLICANT: Halushka, Marc Kenneth
 ; APPLICANT: Case Western Reserve University School of Medicine
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Polymorphisms Associated With
 ; FILE REFERENCE: 018547-034210US
 ; CURRENT APPLICATION NUMBER: US/10/336,638
 ; CURRENT FILING DATE: 2003-01-02
 ; PRIOR APPLICATION NUMBER: US/09/304,232
 ; PRIOR FILING DATE: 1999-05-03
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
 ; NUMBER OF SEQ ID NOS: 909
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 514
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: GLUT4EX11 963
 US-10-336-638-514

Query Match 1.0%; Score 23.8; DB 1; Length 29;
 Best Local Similarity 86.2%; Pred. No. 5.8e+02;
 Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2303 CGATCTCCTGACCTCGTGATCCGCCACC 2331

Db 1 CGATCTCCTGACCTGTGTGATCGCTGCC 29

RESULT 159

US-10-336-638-589/c
 ; Sequence 589, Application US/10336638
 ; Publication No. US20030170699A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fan, Jian Bing
 ; APPLICANT: Chakravarti, Aravinda
 ; APPLICANT: Halushka, Marc Kenneth
 ; APPLICANT: Case Western Reserve University School of Medicine
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Polymorphisms Associated With
 ; FILE REFERENCE: 018547-034210US
 ; CURRENT APPLICATION NUMBER: US/10/336,638
 ; CURRENT FILING DATE: 2003-01-02
 ; PRIOR APPLICATION NUMBER: US/09/304,232
 ; PRIOR FILING DATE: 1999-05-03
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
 ; NUMBER OF SEQ ID NOS: 909
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 589
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: IAPPEX3 848
 US-10-336-638-589

Query Match 1.0%; Score 23.8; DB 1; Length 29;
 Best Local Similarity 86.2%; Pred. No. 5.8e+02;
 Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2105 CGAGTCTTGTCTGTATCCAGGCTGGAG 2133

Db 29 CGAGTCTCACTCTGTGACCCAGGCTGGAG 1

RESULT 160

US-10-336-638-685/c
 ; Sequence 685, Application US/10336638
 ; Publication No. US20030170699A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fan, Jian Bing
 ; APPLICANT: Chakravarti, Aravinda
 ; APPLICANT: Halushka, Marc Kenneth
 ; APPLICANT: Case Western Reserve University School of Medicine
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Polymorphisms Associated With
 ; FILE REFERENCE: 018547-034210US
 ; CURRENT APPLICATION NUMBER: US/10/336,638
 ; CURRENT FILING DATE: 2003-01-02
 ; PRIOR APPLICATION NUMBER: US/09/304,232
 ; PRIOR FILING DATE: 1999-05-03
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
 ; NUMBER OF SEQ ID NOS: 909
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 685
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PGISEX10 1500
 US-10-336-638-685

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTCACCGTGTGTAGCCAGG 2295
|||||
DB 29 AGAGACAGGGGTTTCRCCTGTTGGCCAGG 1

RESULT 161
US-10-085-906-41
; Sequence 41, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-41

Query Match 1.0%; Score 23.8; DB 1; Length 30;
Best Local Similarity 92.6%; Pred. No. 5.8e+02;
Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGTGCAGTGG 2141
|||||
DB 4 TCTGTTGCCCTGGCTGGAGTGCAGTGG 30

RESULT 162
US-10-085-906-65
; Sequence 65, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-65

Query Match 1.0%; Score 23.6; DB 1; Length 30;

Best Local Similarity 86.7%; Pred. No. 5.9e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGTATACCCAGGCT 2129
|||||
DB 1 GAGAGGAGTCTTGCTCTGTGCGCCAGGCT 30

RESULT 163
US-10-085-906-77
; Sequence 77, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 77
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-77

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 5.9e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2264 AGTAGACAGAGGGTTTCACCGTGTAGCCA 2293
|||||
DB 1 AGTAGAGATGGGGTTTCACCATGTTGCCCA 30

RESULT 164
US-10-085-906-95
; Sequence 95, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 95
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-95

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 5.9e+02;

Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2100 GAGACCGAGTCTGCTGTGTACCCAGGCT 2129
|||||
Db 1 GAGACAGAATCTTACTCTGTGTCCAGGCT 30

RESULT 165

US-10-085-906-188
; Sequence 188, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR FILING DATE: 1999-03-25
; PRIOR FILING DATE: 1999-03-25
; PRIOR FILING DATE: 1999-03-25
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-188

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 5.9e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2101 AGACCGAGTCTGCTGTGTACCCAGGCTG 2130
|||||
Db 1 AGACAAAGTCTGTCTGTGCCAGGCTG 30

RESULT 166

US-09-992-665-179
; Sequence 179, Application US/09992665
; Publication No. US20030092009A1
; GENERAL INFORMATION:
; APPLICANT: Kaia Palm
; TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
; FILE REFERENCE: CEMINES.002A
; CURRENT APPLICATION NUMBER: US/09/992,665
; CURRENT FILING DATE: 2001-11-13
; PRIOR FILING DATE: 2000-11-16
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 380
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 179
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe
US-09-992-665-179

Query Match 1.0%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 6.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2341 CAAAGTCTGGATTACAGGATGA 2365
|||||
Db 1 CAAAGTCTGGATTACAGGCTGA 25

RESULT 167

US-10-085-906-524/c
; Sequence 524, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR FILING DATE: 1999-03-25
; PRIOR FILING DATE: 1999-03-25
; PRIOR FILING DATE: 2000-03-24
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 524
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-524

Query Match 1.0%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 6.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2249 ATTTTGTACTTTTAGTAGACA 2273
|||||
Db 25 ATTTTGTATTATTAGTAGACA 1

RESULT 168

US-10-072-012-921
; Sequence 921, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shinkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Beha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR FILING DATE: 2002-01-31
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514

```

; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 921
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NOV22c Primer
; OTHER INFORMATION: 2
US-10-072-012-921

```

```

Query Match      1.0%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 6.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2295 GATGCTCGATCTCTGACCTGCT 2319
      |||||||
Db 1 GATGCTCGATCTCTGACCTGCT 25

```

```

RESULT 169
US-10-085-906-400/c
; Sequence 400, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 400
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-400

```

```

Query Match      1.0%; Score 23.4; DB 1; Length 26;
Best Local Similarity 96.0%; Pred. No. 6.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2241 CTTGCTAATTTTGTACTTTAG 2265
      |||||||
Db 25 CTTGCTAATTTTGTACTTTAG 1

```

```

RESULT 170
US-10-483-958-78/c
; Sequence 78, Application US/10483958
; Publication No. US20040254363A1
; GENERAL INFORMATION:
; APPLICANT: PRICE FOUNDATION LIMITED
; APPLICANT: YEAGER, Meredith
; APPLICANT: BERGEN, Andrew W.
; TITLE OF INVENTION: GENES AND SNPs ASSOCIATED WITH EATING DISORDERS
; FILE REFERENCE: 53061-5005-US
; CURRENT APPLICATION NUMBER: US/10/483,958
; CURRENT FILING DATE: 2004-01-16
; PRIOR APPLICATION NUMBER: PCT/US02/22555
; PRIOR FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US 60/305,153
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: US 60/306,440
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/331,285
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/340,843
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: US 60/340,844
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: OPRD1 probe: VIC and MGB tagged
US-10-483-958-78

```

```

Query Match      1.0%; Score 23.2; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 6.2e+02;
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2249 ATTTTGTACTTTTAGAGACAGG 2276
      |||||||
Db 28 AATTTTGTACTTTTAGTAAGATAGG 1

```

```

RESULT 171
US-09-884-898-4/c
; Sequence 4, Application US/09884898
; Patent No. US20020016362A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn D.
; APPLICANT: Lennox, Edwin S.
; APPLICANT: Musser, John H.
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
; FILE REFERENCE: ANTI-PROLIFERATIVE AGENT
; FILE REFERENCE: STAN096DIV
; CURRENT APPLICATION NUMBER: US/09/884,898
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-884-898-4

```

```

Query Match      1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1374 GAGGCGCTTTCATGCTTCCTGATTG 1396
      |||||||

```



```
Db 23 GAGGCTTTGATGTTCTCGATTG 1
RESULT 172
US-10-340-101-4/c
; Sequence 4, Application US/10340101
; Publication No. US20030139439A1
; GENERAL INFORMATION:
; APPLICANT: RUSH UNIVERSITY MEDICAL CENTER
; APPLICANT: Cobleigh, Melody
; APPLICANT: Shak, Steven
; APPLICANT: Baker, Joffre
; APPLICANT: Cronin, Maureen
; TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
; TITLE OF INVENTION: CANCER PROGNOSIS
; FILE REFERENCE: 39740/0008 US
; CURRENT FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US/10/758,307
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 60/440,861
; NUMBER OF SEQ ID NOS: 440
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 331
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-10-758-307-331
Query Match 1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1000 AACATTCAGGTGATGTTGGAT 1022
Db 23 AACATTCAGGTGATGTTGGAT 1
RESULT 175
US-10-758-307-332/c
; Sequence 332, Application US/10758307
; Publication No. US20040209290A1
; GENERAL INFORMATION:
; APPLICANT: GENOMIC HEALTH, INC.
; APPLICANT: RUSH UNIVERSITY MEDICAL CENTER
; APPLICANT: Cobleigh, Melody
; APPLICANT: Shak, Steven
; APPLICANT: Baker, Joffre
; APPLICANT: Cronin, Maureen
; TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
; TITLE OF INVENTION: CANCER PROGNOSIS
; FILE REFERENCE: 39740/0008 US
; CURRENT FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US/10/758,307
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 440
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 332
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: probe
US-10-758-307-332
Query Match 1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 975 CCGGATCTTCATGCTGTTGAAG 997
Db 23 CCGGATCTTCATGCTGTTGAAG 1
RESULT 176
US-10-758-307-331/c
; Sequence 4, Application US/10446241
; Publication No. US20030206861A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn D.
; APPLICANT: Lennox, John H.
; APPLICANT: Musser, John H.
; TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an
; TITLE OF INVENTION: Anti-Proliferative Agent
; FILE REFERENCE: STAN096D1V
; CURRENT APPLICATION NUMBER: US/10/340,101
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US/09/884,898
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-340-101-4
Query Match 1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1374 GAGGCTTTGATGTTCTCGATTG 1396
Db 23 GAGGCTTTGATGTTCTCGATTG 1
RESULT 173
US-10-446-241-4/c
; Sequence 4, Application US/10446241
; Publication No. US20030206861A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn D.
; APPLICANT: Lennox, John H.
; APPLICANT: Musser, John H.
; TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an
; TITLE OF INVENTION: Anti-Proliferative Agent
; FILE REFERENCE: STAN096C1P
; CURRENT APPLICATION NUMBER: US/10/446,241
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: US/09/935,794
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-446-241-4
Query Match 1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1374 GAGGCTTTGATGTTCTCGATTG 1396
Db 23 GAGGCTTTGATGTTCTCGATTG 1
RESULT 174
US-10-758-307-331/c
```

```

US-10-269-021B-10
; Sequence 10, Application US/10269021B
; Publication No. US20040009156A1
; GENERAL INFORMATION:
; APPLICANT: Christophe Reinhard
; APPLICANT: Annette Walter
; TITLE OF INVENTION: Antisense Therapy Using Oligonucleotides
; FILE REFERENCE: 17460.002
; CURRENT APPLICATION NUMBER: US/10/269,021B
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/328,444
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human kinesin antisense oligonucleotide
US-10-269-021B-10
; Query Match 1.0%; Score 23; DB 1; Length 24;
; Best Local Similarity 100.0%; Pred. No. 6.4e+02;
; Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGAGCCCG 2372
|||||
Db 1 GGGATTACAGGCATGAGCCCG 23

RESULT 177
US-10-793-389-11
; Sequence 11, Application US/10793389
; Publication No. US20040216178A1
; GENERAL INFORMATION:
; APPLICANT: Steinman, Heather
; APPLICANT: Jones, Stephen N
; TITLE OF INVENTION: REGULATION OF MDM2 FUNCTION
; FILE REFERENCE: 07917-199001
; CURRENT APPLICATION NUMBER: US/10/793,389
; CURRENT FILING DATE: 2004-03-03
; PRIOR APPLICATION NUMBER: US 60/451,525
; PRIOR FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 26
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: PCR primer based on M. musculus sequence of mdm2
US-10-793-389-11
; Query Match 1.0%; Score 23; DB 1; Length 26;
; Best Local Similarity 100.0%; Pred. No. 6.4e+02;
; Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGCTGT 334
|||||
Db 1 ATGTGCAATACCAACATGCTGT 23

RESULT 178
US-10-172-741-10
; Sequence 10, Application US/10172741
; Publication No. US20030124560A1
; GENERAL INFORMATION:
; APPLICANT: Kiefer, Michael C.
; APPLICANT: Ossina, Natalya K.
; TITLE OF INVENTION: BAK PROMOTER EXPRESSION SYSTEM
; NUMBER OF SEQUENCES: 14

```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAR BIOTECHNOLOGY INC.
; STREET: 3095 Richmond Parkway, Suite 213
; CITY: Richmond
; STATE: CA
; COUNTRY: USA
; ZIP: 94806
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/172,741
; FILING DATE: 13-Jun-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/367,750
; FILING DATE: 07-DEC-1999
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Theresa A.
; REGISTRATION NUMBER: 32,547
; REFERENCE/DOCKET NUMBER: 4147-14-PUS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-172-741-10

Query Match 1.0%; Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3%; Pred. No. 6.5e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGAGACAGGGTTTCACCGTGTTA 2289
|||||
Db 1 AGTAGAGACGGGGTTTCACCATGTTA 26

RESULT 179
US-10-336-638-511
; Sequence 511, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 511
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 930
US-10-336-638-511

```

Query Match 1.0%; Score 22.8; DB 1; Length 29;
 Best Local Similarity 85.7%; Pred. No. 6.4e+02;
 Matches 24; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 2271 ACAGGGTTTACCGTGTAGCCAGGATG 2298
 |||||:|||||:|||||:|||||:|||||
 Db 2 ACGGGTTTACCRGTGTAGCCAGATG 29

RESULT 180

US-10-336-638-697
 ; Sequence 697, Application US/10336638
 ; Publication No. US20030170699A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pan, Jian Bing
 ; APPLICANT: Chakravarti, Aravinda
 ; APPLICANT: Halushka, Marc Kenneth
 ; APPLICANT: Case Western Reserve University School of Medicine
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Polymorphisms Associated With
 ; TITLE OF INVENTION: Hypertension
 ; FILE REFERENCE: 018547-034210US
 ; CURRENT APPLICATION NUMBER: US/10/336.638
 ; CURRENT FILING DATE: 2003-01-02
 ; PRIOR APPLICATION NUMBER: US/09/304,232
 ; PRIOR FILING DATE: 1999-05-03
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
 ; NUMBER OF SEQ ID NOS: 909
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 697
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PGISEX10 2974
 US-10-336-638-697

Query Match 1.0%; Score 22.8; DB 1; Length 29;
 Best Local Similarity 85.7%; Pred. No. 6.4e+02;
 Matches 24; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 2106 GAGTCTGCTGTATTACCGAGGTGGAG 2133
 |||||:|||||:|||||:|||||:|||||
 Db 2 GAGTCTGCTGTGTGCCAGGCTAGAG 29

RESULT 181

US-10-085-906-155
 ; Sequence 155, Application US/10085906
 ; Publication No. US20030054371A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ying, Vincent
 ; APPLICANT: Wu, Paul
 ; APPLICANT: Gray, Gary S.
 ; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
 ; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
 ; FILE REFERENCE: GNN-5343CP2
 ; CURRENT APPLICATION NUMBER: US/10/085.906
 ; CURRENT FILING DATE: 2002-02-27
 ; PRIOR APPLICATION NUMBER: US 60/126,215
 ; PRIOR FILING DATE: 1999-03-25
 ; PRIOR APPLICATION NUMBER: US 09/534,061
 ; PRIOR FILING DATE: 2000-03-24
 ; PRIOR APPLICATION NUMBER: PCT/US00/07938
 ; PRIOR FILING DATE: 2000-03-24
 ; NUMBER OF SEQ ID NOS: 545
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 155
 ; LENGTH: 30
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-085-906-155

Query Match 1.0%; Score 22.6; DB 1; Length 30;
 Best Local Similarity 86.2%; Pred. No. 6.6e+02;
 Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2101 AGACCGAGTCTTGCTGTATTACCCAGGCT 2129
 |||||:|||||:|||||:|||||:|||||
 Db 2 AGCGGAGTCTTGCTGTGCGCCAGGCT 30

RESULT 182

US-10-745-377-59
 ; Sequence 59, Application US/10745377
 ; Publication No. US20040137423A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hayden, Michael R.
 ; APPLICANT: Brooks-Wilson, Angela R.
 ; APPLICANT: Clee, Susanne M.
 ; TITLE OF INVENTION: Compositions and Methods for Modulating
 ; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
 ; FILE REFERENCE: 760050-109
 ; CURRENT APPLICATION NUMBER: US/10/745.377
 ; CURRENT FILING DATE: 2003-12-23
 ; PRIOR APPLICATION NUMBER: 09/654,323
 ; PRIOR FILING DATE: 2000-09-01
 ; PRIOR APPLICATION NUMBER: US 60/124,702
 ; PRIOR FILING DATE: 1999-03-15
 ; PRIOR APPLICATION NUMBER: US 60/138,048
 ; PRIOR FILING DATE: 1999-06-08
 ; PRIOR APPLICATION NUMBER: US 60/139,600
 ; PRIOR FILING DATE: 1999-06-17
 ; PRIOR APPLICATION NUMBER: US 60/151,977
 ; PRIOR FILING DATE: 1999-09-01
 ; PRIOR APPLICATION NUMBER: US 09/526,193
 ; PRIOR FILING DATE: 2000-03-15
 ; PRIOR APPLICATION NUMBER: US 60/213,958
 ; PRIOR FILING DATE: 2000-06-23
 ; NUMBER OF SEQ ID NOS: 256
 ; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
 ; SEQ ID NO 59
 ; LENGTH: 24
 ; TYPE: DNA
 ; ORGANISM: homo sapien
 US-10-745-377-59

Query Match 0.9%; Score 22.4; DB 1; Length 24;
 Best Local Similarity 95.8%; Pred. No. 6.8e+02;
 Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2301 CTCGATCTCCTGACCTCGTGATCC 2324
 |||||:|||||:|||||:|||||:|||||
 Db 1 CTCGATTTCTGACCTCGTGATCC 24

RESULT 183

US-10-872-113-59
 ; Sequence 59, Application US/10872113
 ; Publication No. US20040229275A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hayden, Michael R.
 ; APPLICANT: Brooks-Wilson, Angela R.
 ; APPLICANT: Clee, Susanne M.
 ; TITLE OF INVENTION: Compositions and Methods for Modulating
 ; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
 ; FILE REFERENCE: 760050-138
 ; CURRENT APPLICATION NUMBER: US/10/872.113
 ; CURRENT FILING DATE: 2004-06-18
 ; PRIOR APPLICATION NUMBER: 09/654,323
 ; PRIOR FILING DATE: 2000-09-01
 ; PRIOR APPLICATION NUMBER: US 60/124,702
 ; PRIOR FILING DATE: 1999-03-15

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; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 59
; TYPE: DNA
; ORGANISM: homo sapien
US-10-872-113-59

Query Match          0.9%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 6.8e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2301 CTCGATCTCCTGACCTCGTGATCC 2324
Db 1 CTCGATTTCTGACCTCGTGATCC 24

RESULT 184
US-10-394-485-10/c
; Sequence 10, Application US/10394485
; Publication No. US20040091889A1
; GENERAL INFORMATION:
; APPLICANT: Peruchio, Manuel
; APPLICANT: Peinado, Miguel A
; APPLICANT: Ionov, Yuri
; APPLICANT: Malkhosyan, Sergei
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; TITLE OF INVENTION: Identification of Neoplasms by Detection of Genetic Insertions
; FILE REFERENCE: 4121.0366-01000
; CURRENT APPLICATION NUMBER: US/10/394,485
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US 08/579,445
; PRIOR FILING DATE: 1995-12-27
; PRIOR APPLICATION NUMBER: US 08/152,484
; PRIOR FILING DATE: 1993-11-12
; PRIOR APPLICATION NUMBER: US 07/975,737
; PRIOR FILING DATE: 1992-11-13
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-394-485-10

Query Match          0.9%; Score 22.4; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 6.8e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 TTTAGTAGACACGAGGTTTCACC 2283
Db 24 TTTAGTAGACACGAGGTTTCACC 1

RESULT 185
US-10-336-638-183/c
; Sequence 183, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 183
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1817
US-10-336-638-183

Query Match          0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAGCCAGGATG 2298
Db 29 GATGGGGTTTCACCGTGTAGCCAGGTTG 1

RESULT 186
US-10-336-638-209/c
; Sequence 209, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 209
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 2345
US-10-336-638-209

Query Match          0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2222 ACAGTCATCTGCCACACACCTGGCTAAT 2250
Db 29 ACAGGCATCTGCCACACATCATCCCGCTAAT 1

RESULT 187
US-10-336-638-210/c
```

```
; Sequence 210, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 210
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 2366
US-10-336-638-210

Query Match      0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTGTGGGATTACAGGCAT 2363
      |||||  |||  |||||  |||||  |||||
DB 29 GCCTCCCGAGTAGCGGGGATTACAGGCAT 1

RESULT 188
US-10-336-638-686/c
; Sequence 686, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 686
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 1505
US-10-336-638-686

Query Match      0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGCGTTTCACCGTGTAG 2290
      |||||  |||||  |||||  |||||  |||||
DB 29 TTAGTAGACAGCGGRTTTCGCCATGTTGG 1
```

```
RESULT 189
US-10-336-638-696
; Sequence 696, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 696
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 2967
US-10-336-638-696

Query Match      0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2098 TTGAGACCGAGTCTTGCTGTGTTACCCAG 2126
      |||||  |||||  |||||  |||||  |||||
DB 1 TTGAGATGGAGTCTGTGCTGTGCCCG 29

RESULT 190
US-10-336-638-700
; Sequence 700, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 700
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3061
US-10-336-638-700

Query Match      0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2193 CTGCCTCAGCCTCCCAATTAGCTTGGCCT 2221
```

Matches	22;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	2338	TCCCAAAGTCTGGGATTACAG	2359						
Db	1	TCCCAAAGTCTGGGATTACAG	22						
RESULT 193									
US-10-336-638-863									
; Sequence 863, Application US/10336638									
; Publication No. US20030170699A1									
; GENERAL INFORMATION:									
; APPLICANT: Fan, Jian Bing									
; APPLICANT: Chakravarti, Aravinda									
; APPLICANT: Halushka, Marc Kenneth									
; APPLICANT: Case Western Reserve University School of Medicine									
; APPLICANT: Affymetrix, Inc.									
; TITLE OF INVENTION: Polymorphisms Associated With									
; FILE REFERENCE: 018547-034210US									
; CURRENT APPLICATION NUMBER: US/10/336,638									
; CURRENT FILING DATE: 2003-01-02									
; PRIOR APPLICATION NUMBER: US/09/304,232									
; PRIOR FILING DATE: 1999-05-03									
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641									
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07									
; NUMBER OF SEQ ID NOS: 909									
; SOFTWARE: FastSeq for Windows Version 3.0									
; SEQ ID NO 863									
; LENGTH: 29									
; TYPE: DNA									
; ORGANISM: Artificial Sequence									
; FEATURE:									
; OTHER INFORMATION: TBXA2REX3 953									
US-10-336-638-863									
Query Match 0.9%; Score 22.2; DB 1; Length 29;									
Best Local Similarity 82.8%; Pred. No. 6.8e+02;									
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;									
Qy	2179	TTCCGACCATTCCTCGCTCAGCTCC	2207						
Db	1	TTCCAGCGATTCTCGCTCAGCTCC	29						
RESULT 192									
US-09-242-772-2									
; Sequence 2, Application US/09242772									
; Publication No. US2002009720A1									
; GENERAL INFORMATION:									
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie									
; TITLE OF INVENTION: PLAG gene family and tumorigenesis									
; FILE REFERENCE: VIB-011-US									
; CURRENT APPLICATION NUMBER: US/09/242,772									
; CURRENT FILING DATE: 1999-06-25									
; PRIOR APPLICATION NUMBER: EP 96202229.6									
; PRIOR FILING DATE: 1996-08-22									
; PRIOR APPLICATION NUMBER: EP 97200130.9									
; PRIOR FILING DATE: 1997-01-17									
; PRIOR APPLICATION NUMBER: PCT/EP97/04759									
; PRIOR FILING DATE: 1997-08-22									
; NUMBER OF SEQ ID NOS: 139									
; SOFTWARE: Patent in version 3.1									
; SEQ ID NO 2									
; LENGTH: 22									
; TYPE: DNA									
; ORGANISM: Artificial Sequence									
; FEATURE:									
; OTHER INFORMATION: primer									
; NAME/KEY: misc feature									
; OTHER INFORMATION: antisense primer alu PCR									
US-09-242-772-2									
Query Match 0.9%; Score 22; DB 1; Length 22;									
Best Local Similarity 100.0%; Pred. No. 7.1e+02;									
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;									

RESULT 195

US-10-446-241-3
 ; Sequence 3, Application US/10446241
 ; Publication No. US20030206861A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen, Glenn D.
 ; APPLICANT: Lennox, Edwin H.
 ; TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an
 ; TITLE OF INVENTION: Anti-Proliferative Agent
 ; FILE REFERENCE: STAN096CJP
 ; CURRENT APPLICATION NUMBER: US/10/446,241
 ; CURRENT FILING DATE: 2003-05-27
 ; PRIOR APPLICATION NUMBER: US/09/935,794
 ; PRIOR FILING DATE: 2001-08-22
 ; PRIOR APPLICATION NUMBER: 09/385,917
 ; PRIOR FILING DATE: 1999-08-30
 ; NUMBER OF SEQ ID NOS: 16
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 3
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-446-241-3

Query Match 0.9%; Score 22; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 7.1e+02;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 639 GTCAATCAGCAGGAATCATCGG 660
 |||||
 Db 1 GTCAATCAGCAGGAATCATCGG 22

RESULT 196

US-10-452-510-275/c
 ; Sequence 275, Application US/10452510
 ; Publication No. US20040005666A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Brooks-Wilson, Angela R.
 ; APPLICANT: Hayden, Michael R.
 ; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
 ; FILE REFERENCE: 760050-93
 ; CURRENT APPLICATION NUMBER: US/10/452,510
 ; CURRENT FILING DATE: 2003-06-02
 ; PRIOR APPLICATION NUMBER: US 09/526,193
 ; PRIOR FILING DATE: 2000-03-15
 ; PRIOR APPLICATION NUMBER: 60/124,702
 ; PRIOR FILING DATE: 1999-03-15
 ; PRIOR APPLICATION NUMBER: 60/138,048
 ; PRIOR FILING DATE: 1999-06-08
 ; PRIOR APPLICATION NUMBER: 60/139,600
 ; PRIOR FILING DATE: 1999-06-17
 ; PRIOR APPLICATION NUMBER: 60/151,977
 ; PRIOR FILING DATE: 1999-09-01
 ; NUMBER OF SEQ ID NOS: 287
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 275
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-452-510-275

Query Match 0.9%; Score 22; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 7.1e+02;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCTCAGCCTCCCAA 2209
 |||||
 Db 22 TTCTCCTGCTCAGCCTCCCAA 1

RESULT 197

US-10-617-334-275/c
 ; Sequence 275, Application US/10617334
 ; Publication No. US20040058869A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hayden, Michael R.
 ; APPLICANT: Brooks-Wilson, Angela R.
 ; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
 ; FILE REFERENCE: 760050-91
 ; CURRENT APPLICATION NUMBER: US/10/617,334
 ; CURRENT FILING DATE: 2003-07-10
 ; PRIOR APPLICATION NUMBER: US 09/526,193
 ; PRIOR FILING DATE: 2000-03-15
 ; PRIOR APPLICATION NUMBER: 60/124,702
 ; PRIOR FILING DATE: 1999-03-15
 ; PRIOR APPLICATION NUMBER: 60/138,048
 ; PRIOR FILING DATE: 1999-06-08
 ; PRIOR APPLICATION NUMBER: 60/139,600
 ; PRIOR FILING DATE: 1999-06-17
 ; PRIOR APPLICATION NUMBER: 60/151,977
 ; PRIOR FILING DATE: 1999-09-01
 ; NUMBER OF SEQ ID NOS: 287
 ; SOFTWARE: PatentIn 3.0
 ; SEQ ID NO 275
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-617-334-275

Query Match 0.9%; Score 22; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 7.1e+02;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCTCAGCCTCCCAA 2209
 |||||
 Db 22 TTCTCCTGCTCAGCCTCCCAA 1

RESULT 198

US-10-744-465-275/c
 ; Sequence 275, Application US/10744465
 ; Publication No. US20040157250A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hayden, Michael R.
 ; APPLICANT: Brooks-Wilson, Angela R.
 ; APPLICANT: Pimstone, Simon N.
 ; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
 ; FILE REFERENCE: 760050-92
 ; CURRENT APPLICATION NUMBER: US/10/744,465
 ; CURRENT FILING DATE: 2003-12-23
 ; PRIOR APPLICATION NUMBER: 10/617,334
 ; PRIOR FILING DATE: 2003-07-10
 ; PRIOR APPLICATION NUMBER: US 09/526,193
 ; PRIOR FILING DATE: 2000-03-15
 ; PRIOR APPLICATION NUMBER: 60/124,702
 ; PRIOR FILING DATE: 1999-03-15
 ; PRIOR APPLICATION NUMBER: 60/138,048
 ; PRIOR FILING DATE: 1999-06-08
 ; PRIOR APPLICATION NUMBER: 60/139,600
 ; PRIOR FILING DATE: 1999-06-17
 ; PRIOR APPLICATION NUMBER: 60/151,977
 ; PRIOR FILING DATE: 1999-09-01
 ; NUMBER OF SEQ ID NOS: 287
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 275
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-744-465-275

Query Match 0.9%; Score 22; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 7.1e+02;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCTCCCAA 2209
|||||
Db 22 TTCTCTGCTCAGCTCCCAA 1

RESULT 199

US-10-833-679-275/c
; Sequence 275, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-275

Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCTCCCAA 2209
|||||
Db 22 TTCTCTGCTCAGCTCCCAA 1

RESULT 200

US-10-746-547-81/c
; Sequence 81, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; TITLE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 81
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-81

Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 425 AAAGTCTGTTGGTCACAAAAA 446
|||||
Db 22 AAAGTCTGTTGGTCACAAAAA 1

RESULT 201

US-10-010-802-391
; Sequence 391, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
; TITLE OF INVENTION: 4 Receptor Alpha Gene
; FILE REFERENCE: MMH-00020S2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 391
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-391

Query Match 0.9%; Score 22; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2233 CCACCACACCTGGCTAATTTT 2254
|||||
Db 1 CCACCACACCTGGCTAATTTT 22

RESULT 202

US-10-293-048-12/c
; Sequence 12, Application US/10293048
; Publication No. US20030143599A1
; GENERAL INFORMATION:
; APPLICANT: Makarov, Vladimir
; APPLICANT: Kamberov, Emmanuel
; APPLICANT: Sleptsova, Irina
; APPLICANT: Bruening, Eric
; TITLE OF INVENTION: DNA Amplification and Sequencing Using DNA Molecules Created by R
; TITLE OF INVENTION: Fragmentation
; FILE REFERENCE: RUBC:020US
; CURRENT APPLICATION NUMBER: US/10/293,048
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/338,224
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-293-048-12

Query Match 0.9%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGGTCTCGATC 2307


```
Db      22 GTTAGCCAGGATGGCTCGATC 1
|||||
RESULT 203
US-10-336-638-181/c
; Sequence 181, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 181
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1736
; US-10-336-638-181

Query Match      0.9%; Score 22; DB 1; Length 29;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      2349 TGGGATTACAGGCATGATGCCACCG 2372
|||||
Db      29 TGGGATTACAGGCAYGAGCCACTG 6
|||||
RESULT 204
US-10-336-638-509
; Sequence 509, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 509
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 884
; US-10-336-638-509

Query Match      0.9%; Score 22; DB 1; Length 29;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      2231 TGCCACCACACCTGGCTAAATTTT 2254
|||||
Db      6 TGCCACCACRCCTGGCTAATTTAT 29
|||||
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

RESULT 205
US-10-051-874-260
; Sequence 260, Application US/10051874
; Publication No. US20040005557A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Alsobrook II, John P
; APPLICANT: Colman, Steven D
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Boldog, Ferenc
; APPLICANT: Vernet, Corine AM
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Casman, Stacie J
; APPLICANT: Guo, Xiaojia Saaha
; APPLICANT: Edinger, Shlomit R
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard A
; APPLICANT: Pena, Carol EA
; APPLICANT: Tchernev, Vellizar T
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Millet, Isabelle
; APPLICANT: Miller, Charles E
; APPLICANT: Lepley, Denise M
; APPLICANT: Smithson, Glenda
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Herrman, John L
; APPLICANT: Peyman, John A
; APPLICANT: Gorman, Linda
; APPLICANT: Mezes, Peter D
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Gerlach, Valerie
; APPLICANT: Grosse, William M
; APPLICANT: Liu, Xiaohong
; APPLICANT: Ellerman, Karen
; APPLICANT: Rothenberg, Mark
; APPLICANT: Stone, David J
; APPLICANT: Burgess, Catherine E
; TITLE OF INVENTION: PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
; FILE REFERENCE: 21402-245
; CURRENT APPLICATION NUMBER: US/10/051,874
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/268,595
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/325,306
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 60/262,587
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/272,409
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/262,454
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/276,777
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/291,672
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: 60/330,336
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/265,530
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/261,376
; PRIOR FILING DATE: 2001-01-16
```

; NUMBER OF SEQ ID NOS: 269
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 260
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-10-051-874-260

Query Match 0.9%; Score 21.4; DB 1; Length 23;
Best Local Similarity 95.7%; Pred. No. 7.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2097 TTTGAGACGAGTCTGTCTGT 2119
Db 1 TTTGAGCGGAGTCTGTCTGT 23

RESULT 206

US-10-374-077-30/c
; Sequence 30, Application US/10374077
; Publication No. US20040006779A1
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; Yu, Chang-En
; Oshima, Junko
; Mulligan, John T.
; Schellenberg, Gerald D.
; TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/374,077
; FILING DATE: 25-Feb-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Rosenman, Stephen
; REGISTRATION NUMBER: 43,058
; REFERENCE/DOCKET NUMBER: 100107.401D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:

US-10-374-077-30

Query Match 0.9%; Score 21.4; DB 1; Length 23;
Best Local Similarity 95.7%; Pred. No. 7.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2336 CCTCCCAAAGTGTGGGATTACA 2358
Db 23 CCTCCCAAAGTGTGGGATTACA 1

RESULT 207

US-10-282-174-419/c
; Sequence 419, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertram, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 419
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-282-174-419

Query Match 0.9%; Score 21.4; DB 1; Length 24;
Best Local Similarity 95.7%; Pred. No. 7.5e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGGGTTTCACC 2283
Db 23 TTTAGTAGATACAGGGTTTCACC 1

RESULT 208

US-09-888-056A-15
; Sequence 15, Application US/09888056A
; Publication No. US20030124524A1
; GENERAL INFORMATION:
; APPLICANT: KORNMAN, KENNETH S.
; APPLICANT: DUFF, GORDON W.
; TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING MODULATORS OF THE
; FILE REFERENCE: MSA-023.01
; CURRENT APPLICATION NUMBER: US/09/888,056A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: 60/213,853
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-888-056A-15

```

Query Match	0.9%	Score	21.4	DB	1	Length	25
Best Local Similarity	95.7%	Pred. No.	7.5e+02				
Matches	22	Conservative	0	Mismatches	1	Indels	0
						Gaps	0

QY 2350 GGGATTACAGGCATGAGCCACCG 2372
 |||||
 Db 1 GGGATTACAGGCGTGAGCCACCG 23

```

RESULT 209
US-09-752-983-269
; Sequence 269, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDMD2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels

Qy 307 GGCAATGTGCAATACCAACA 327
Db 1 GGCAATGTGCAATACCAACA 21

RESULT 210
US-09-740-668A-53/c
; Sequence 53, Application US/09740668A
; Patent No. US20020076700A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard

```

; TITLE OF INVENTION: No. US20020076700A1el polypeptides and nucleic acids encoding aa
; FILE REFERENCE: 15966-537 CIP
; CURRENT APPLICATION NUMBER: US/09/740,668A
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: PCT/US99/29584
; PRIOR FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: 09/465,512
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: 60/113,485
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/112,837
; PRIOR FILING DATE: 1998-12-18
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 2826468 expression forward primer
US-09-740-668A-53

```

Query Match	0.9%	Score 21;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred.No. 7.9e+02;		
Matches 21;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy 2300 TCTCGATCTCTCTGACCTCGTG 2320
|||
Db 21 TCTCGATCTCTCTGACCTCGTG 1

```

RESULT 211
US-09-541-848-22
; Sequence 22, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S7-3
US-09-541-848-22

```

Query Match	0.9%	Score 21;	DB 1;	Length 21;
Best Local Similarity	100.0%;	pred. NO. 7.9e+02;		
Matches 21;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 1007 AGGTGATTGGTTGGATCAGGA 1027
 |||||
 Db 1 AGGTGATTGGTTGGATCAGGA 21

RESULT 212
US-09-541-848-44/c
; Sequence 44, Application US/09541848
; Publication No. US20030119765A1

GENERAL INFORMATION:
APPLICANT: CHEN, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: US/09/541,848
PRIOR FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 09/383,507
PRIOR FILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 08/916,834
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 44
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide AS7-3
US-09-541-848-44

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1007 AGGTGATTGGTTGGATCAGGA 1027
|||||
Db 21 AGGTGATTGGTTGGATCAGGA 1

RESULT 213
US-10-006-922-20/c
Sequence 20, Application US/10006922
Publication No. US20020197676A1
GENERAL INFORMATION:
APPLICANT: Lukyanov, Sergey A
APPLICANT: Fradkov, Arcady F.
APPLICANT: Labas, Yulii A.
APPLICANT: Matz, Mikhail V.
APPLICANT: Terakikh, Alexey
TITLE OF INVENTION: No. US20020197676A1el Chromophores/Fluorophores and
TITLE OF INVENTION: Methods for Using the Same
FILE REFERENCE: CLON-035CIP
CURRENT APPLICATION NUMBER: US/10/006,922
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 09/120,330
PRIOR FILING DATE: 1998-12-11
PRIOR APPLICATION NUMBER: 09/457,898
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/458,144
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/458,477
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/457,556
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/444,338
PRIOR FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 46
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 20
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-006-922-20

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1767 GTGCTAACTTATTTCCTCTAG 1787
|||||
Db 21 GTGCTAACTTATTTCCTCTAG 1

RESULT 214
US-10-005-344-269
Sequence 269, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 269
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-10-005-344-269

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 GGCAATGTGCAATACCAACA 327
|||||
Db 1 GGCAATGTGCAATACCAACA 21

RESULT 215
US-10-786-720-13156/c
Sequence 13156, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13156
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13156

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2300 TCTCGATCTCCTGACCTCGTG 2320
|||||

Db 21 TCTCGATCTCTCGACCTCGTG 1

RESULT 216

US-10-786-720-13159/c
; Sequence 13159, Application US/10786720
; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13159

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13159

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2292 CAGGATGGTCTCGATCTCGTG 2312

Db 21 CAGGATGGTCTCGATCTCGTG 1

RESULT 217

US-10-786-720-13225/c

; Sequence 13225, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13225

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13225

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2303 CGATCTCTGACCTCGATC 2323

Db 21 CGATCTCTGACCTCGATC 1

RESULT 218

US-10-786-720-13228/c

; Sequence 13228, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13228

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13228

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTCGACCTC 2317

Db 21 TGGTCTCGATCTCTCGACCTC 1

RESULT 219

US-10-786-720-13231/c

; Sequence 13231, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13231

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13231

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2289 AGCCAGGATGGTCTCGATCTC 2309

Db 21 AGCCAGGATGGTCTCGATCTC 1

RESULT 220

US-10-786-720-13234/c

; Sequence 13234, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13234

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13234

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2287 TTAGCCAGGATGGTCTCGATC 2307
DB 21 TTAGCCAGGATGGTCTCGATC 1
|||||

RESULT 221

US-10-786-720-13243/c
; Sequence 13243, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13243

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13243

Query Match

Best Local Similarity 100.0%; Score 21; DB 1; Length 21;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2185 CCATTCTCTGCTCAGCCTC 2205
DB 21 CCATTCTCTGCTCAGCCTC 1
|||||

RESULT 222

US-10-745-377-199/c

; Sequence 199, Application US/10745377

; Publication No. US20040137423A1

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Pimstone, Simon

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Clee, Susanne M.

; TITLE OF INVENTION: Compositions and Methods for Modulating

; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels

; FILE REFERENCE: 760050-109

; CURRENT APPLICATION NUMBER: US/10/745,377

; CURRENT FILING DATE: 2003-12-23

; PRIOR APPLICATION NUMBER: 09/654,323

; PRIOR FILING DATE: 2000-09-01

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: US 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: US 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: US 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: US 60/151,977

; PRIOR FILING DATE: 1999-09-01

; PRIOR APPLICATION NUMBER: US 09/526,193

; PRIOR FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: US 60/213,958

; PRIOR FILING DATE: 2000-06-23

; NUMBER OF SEQ ID NOS: 256

; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)

; SEQ ID NO 199

; LENGTH: 22

; TYPE: DNA

; ORGANISM: homo sapien

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (11)...(11)
; OTHER INFORMATION: n = a or g
US-10-745-377-199

Query Match 0.9%; Score 21; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCCTCCCAA 2209
DB 22 TTCTCTGCTCAGCCTCCCAA 1
|||||

RESULT 223

US-10-872-113-199/c

; Sequence 199, Application US/10872113

; Publication No. US20040229275A1

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Pimstone, Simon

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Clee, Susanne M.

; TITLE OF INVENTION: Compositions and Methods for Modulating

; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels

; FILE REFERENCE: 760050-138

; CURRENT APPLICATION NUMBER: US/10/872,113

; CURRENT FILING DATE: 2004-06-18

; PRIOR APPLICATION NUMBER: 09/654,323

; PRIOR FILING DATE: 2000-09-01

; PRIOR APPLICATION NUMBER: US 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: US 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: US 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: US 60/151,977

; PRIOR FILING DATE: 1999-09-01

; PRIOR APPLICATION NUMBER: US 09/526,193

; PRIOR FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: US 60/213,958

; PRIOR FILING DATE: 2000-06-23

; NUMBER OF SEQ ID NOS: 256

; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)

; SEQ ID NO 199

; LENGTH: 22

; TYPE: DNA

; ORGANISM: homo sapien

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (11)...(11)

; OTHER INFORMATION: n = a or g

US-10-872-113-199

Query Match 0.9%; Score 21; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCCTCCCAA 2209
DB 22 TTCTCTGCTCAGCCTCCCAA 1
|||||

RESULT 224

US-09-861-925-55

; Sequence 55, Application US/09861925

; Publication No. US2003006426A1

; GENERAL INFORMATION:

; APPLICANT: Roninson, Igor

; APPLICANT: Chang, Bey-Dih

; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF

; TITLE OF INVENTION: REGULATED BY CDK INHIBITORS

; FILE REFERENCE: 99,216-F

; CURRENT APPLICATION NUMBER: US/09/861,925

; CURRENT FILING DATE: 2001-05-21
 ; PRIOR APPLICATION NUMBER: US 60/
 ; PRIOR FILING DATE: 2001-02-01
 ; NUMBER OF SEQ ID NOS: 77
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 55
 ; LENGTH: 24
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: Sense primer for PSF promoter
 ;
 US-09-861-925-55

Query Match 0.9%; Score 20.8; DB 1; Length 24;
 Best Local Similarity 91.7%; Pred. No. 8e+02; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2342 AAGTGTGGGATTACAGGCATGA 2365
 |||||
 Db 1 AAGTGTGGGATTAGAGCGGTGA 24

RESULT 225

US-10-233-032A-55
 ; Sequence 55, Application US/10233032A
 ; Publication No. US20030157704A1
 ; GENERAL INFORMATION:

; APPLICANT: Poole, Jason
 ; APPLICANT: Roninson, Igor
 ; APPLICANT: Chang, Bey-Dih
 ; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
 ; TITLE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS
 ; FILE REFERENCE: 01-1156-A

; CURRENT APPLICATION NUMBER: US/10/233,032A

; PRIOR FILING DATE: 2003-02-12

; PRIOR APPLICATION NUMBER: US 09/861,925

; PRIOR FILING DATE: 2002-05-21

; PRIOR APPLICATION NUMBER: US 60/265,840

; PRIOR FILING DATE: 2002-02-01

; NUMBER OF SEQ ID NOS: 84

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 55

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc feature

; OTHER INFORMATION: Sense primer for PSF promoter

;
 US-10-233-032A-55

Query Match 0.9%; Score 20.8; DB 1; Length 24;
 Best Local Similarity 91.7%; Pred. No. 8e+02; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2342 AAGTGTGGGATTACAGGCATGA 2365
 |||||
 Db 1 AAGTGTGGGATTAGAGCGGTGA 24

RESULT 226

US-10-269-021B-3
 ; Sequence 3, Application US/10269021B
 ; Publication No. US2004009156A1
 ; GENERAL INFORMATION:

; APPLICANT: Christoph Reinhard

; APPLICANT: Annette Walter

; TITLE OF INVENTION: Antisense Therapy Using Oligonucleotides

; TITLE OF INVENTION: that Target Human Kinesin Genes for Treatment of Cancer

; FILE REFERENCE: 17460.002

; CURRENT APPLICATION NUMBER: US/10/269,021B

; CURRENT FILING DATE: 2002-10-10

; PRIOR APPLICATION NUMBER: US 60/328,444

; PRIOR FILING DATE: 2001-10-21
 ; NUMBER OF SEQ ID NOS: 36
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 3
 ; LENGTH: 24

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: human kinesin antisense oligonucleotide

; US-10-269-021B-3

Query Match 0.9%; Score 20.8; DB 1; Length 24;
 Best Local Similarity 91.7%; Pred. No. 8e+02; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2100 GAGACCGAGCTTGGCTCTGTACC 2123
 |||||
 Db 1 GAGACCGAGCTTGGCTCTGTGGC 24

RESULT 227

US-10-745-377-14

; Sequence 14, Application US/10745377

; Publication No. US20040137423A1

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Pimstone, Simon

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Clee, Susanne M.

; TITLE OF INVENTION: Compositions and Methods for Modulating

; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels

; FILE REFERENCE: 760050-109

; CURRENT APPLICATION NUMBER: US/10/745,377

; CURRENT FILING DATE: 2003-12-23

; PRIOR APPLICATION NUMBER: 09/654,323

; PRIOR FILING DATE: 2000-09-01

; PRIOR APPLICATION NUMBER: US 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: US 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: US 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: US 60/151,977

; PRIOR FILING DATE: 1999-09-01

; PRIOR APPLICATION NUMBER: US 09/526,193

; PRIOR FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: US 60/213,958

; PRIOR FILING DATE: 2000-06-23

; NUMBER OF SEQ ID NOS: 256

; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)

; SEQ ID NO 14

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-10-745-377-14

Query Match 0.9%; Score 20.8; DB 1; Length 24;
 Best Local Similarity 91.7%; Pred. No. 8e+02; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2293 AGGATGCTCTCGATCTCTGACCT 2316
 |||||
 Db 1 AGGCTGCTCTCGACTCTTGACCT 24

RESULT 228

US-10-745-377-62

; Sequence 62, Application US/10745377

; Publication No. US20040137423A1

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Pimstone, Simon

; APPLICANT: Brooks-Wilson, Angela R.

```
/ APPLICANT: Clee, Susanne M.
/ TITLE OF INVENTION: Compositions and Methods for Modulating
/ TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
/ FILE REFERENCE: 760050-109
/ CURRENT FILING DATE: 2003-12-23
/ PRIOR FILING DATE: 2003-12-23
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR FILING DATE: 2000-06-23
/ NUMBER OF SEQ ID NOS: 256
/ SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
/ SEQ ID NO 62
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: homo sapien
US-10-745-377-62
```

```
Query Match 0.9%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2301 CTCGATCTCTCGACCTCGTGATCC 2324
Db 1 CTCGATTTCTTGACCTCGTGATCC 24
```

RESULT 229

```
US-10-872-113-14
/ Sequence 14, Application US/10872113
/ Publication No. US20040229275A1
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Pimstone, Simon
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Clee, Susanne M.
/ TITLE OF INVENTION: Compositions and Methods for Modulating
/ TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
/ FILE REFERENCE: 760050-138
/ CURRENT FILING DATE: 2004-06-18
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR FILING DATE: 2000-06-23
/ NUMBER OF SEQ ID NOS: 256
/ SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
/ SEQ ID NO 14
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-872-113-14
```

```
Query Match 0.9%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2293 AGGATGGTCTCGATCTCTGACCT 2316
Db 1 AGGCTGGTCTCGAATCTCTGACCT 24
```

RESULT 230

```
US-10-872-113-62
/ Sequence 62, Application US/10872113
/ Publication No. US20040229275A1
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Pimstone, Simon
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Clee, Susanne M.
/ TITLE OF INVENTION: Compositions and Methods for Modulating
/ TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
/ FILE REFERENCE: 760050-138
/ CURRENT FILING DATE: 2004-06-18
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR FILING DATE: 2000-06-23
/ NUMBER OF SEQ ID NOS: 256
/ SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
/ SEQ ID NO 62
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: homo sapien
US-10-872-113-62
```

```
Query Match 0.9%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2301 CTCGATCTCTGACCTCGTGATCC 2324
Db 1 CTCGATTTCTTGACCTCGTGATCC 24
```

RESULT 231

```
US-10-440-066-18/c
/ Sequence 18, Application US/10440066
/ Publication No. US20030180256A1
/ GENERAL INFORMATION:
/ APPLICANT: Hirata, Yuichi
/ TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION
/ FILE REFERENCE: 06501-067001
/ CURRENT FILING DATE: 2003-05-15
/ PRIOR FILING DATE: 2003-05-15
/ PRIOR FILING DATE: 2000-10-13
/ PRIOR FILING DATE: 2000-10-13
/ PRIOR FILING DATE: 1999-04-14
/ PRIOR FILING DATE: 1999-04-14
/ PRIOR FILING DATE: 1998-04-14
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 18
```



```
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially synthesized primer sequence
US-10-440-066-18

Query Match          0.9%; Score 20.8; DB 1; Length 27;
Best Local Similarity 91.7%; Pred. No. 7.9e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2192 CTGCCTCAGCTCCCAATTAGCT 2215
      ||||| ||||| ||||| ||||| |||||
Db 27  CTGCCTCAGCTCCCAAGCAGCT 4

RESULT 232
US-10-198-069-35
; Sequence 35, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-198-069-35

Query Match          0.9%; Score 20.6; DB 1; Length 27;
Best Local Similarity 85.2%; Pred. No. 8.1e+02;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2331 CTCGGCTCCCAAGTCTGGGATTAC 2357
      ||| ||||| ||||| ||||| |||||
Db 1  CTCAGCTCCCAAGCAGCTGGGATTAC 27

RESULT 233
US-09-918-686-90/c
; Sequence 90, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paepel, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 22
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-90

Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2187 ATTCTCTGCTCAGCTCCCA 2208
      ||||| ||||| ||||| ||||| |||||
Db 22  ATTCTCTGCTCAGCTCCCA 1

RESULT 234
US-09-918-686-94/c
; Sequence 94, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paepel, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-94

Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2187 ATTCTCTGCTCAGCTCCCA 2208
      ||||| ||||| ||||| ||||| |||||
Db 22  ATTCTCTGCTCAGCTCCCA 1

RESULT 235
US-10-002-623-755
; Sequence 755, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; TITLE OF INVENTION: POPULATIONS
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 755
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-755

Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2092 TTTTGTGAGACCGAGTCTTG 2113
 Db 1 TTTTGTGAGACCGAGTCTTG 22

RESULT 236

US-10-002-623-758
 ; Sequence 758, Application US/10002623
 ; Publication No. US20030134285A1

GENERAL INFORMATION:

; APPLICANT: OEFNER, PETER J.
 ; APPLICANT: UNDERHILL, PETER A.
 ; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
 ; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
 ; TITLE OF INVENTION: POPULATIONS
 ; FILE REFERENCE: STAN-212
 ; CURRENT APPLICATION NUMBER: US/10/002,623
 ; CURRENT FILING DATE: 2001-11-01
 ; PRIOR APPLICATION NUMBER: US 60/245,355
 ; PRIOR FILING DATE: 2000-11-01
 ; NUMBER OF SEQ ID NOS: 952
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 758
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; US-10-002-623-758

Query Match 0.9%; Score 20.4; DB 1; Length 22;
 Best Local Similarity 95.5%; Pred. No. 8.4e+02;
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2092 TTTTGTGAGACCGAGTCTTG 2113
 Db 1 TTTTGTGAGACCGAGTCTTG 22

RESULT 237

US-10-002-623-761
 ; Sequence 761, Application US/10002623
 ; Publication No. US20030134285A1

GENERAL INFORMATION:

; APPLICANT: OEFNER, PETER J.
 ; APPLICANT: UNDERHILL, PETER A.
 ; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
 ; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
 ; TITLE OF INVENTION: POPULATIONS
 ; FILE REFERENCE: STAN-212
 ; CURRENT APPLICATION NUMBER: US/10/002,623
 ; CURRENT FILING DATE: 2001-11-01
 ; PRIOR APPLICATION NUMBER: US 60/245,355
 ; PRIOR FILING DATE: 2000-11-01
 ; NUMBER OF SEQ ID NOS: 952
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 761
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; US-10-002-623-761

Query Match 0.9%; Score 20.4; DB 1; Length 22;
 Best Local Similarity 95.5%; Pred. No. 8.4e+02;
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2092 TTTTGTGAGACCGAGTCTTG 2113
 Db 1 TTTTGTGAGACCGAGTCTTG 22

RESULT 238

US-10-353-150-90/c
 ; Sequence 90, Application US/10353150

; Publication No. US20030157543A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Brunkow, Mary E.
 ; APPLICANT: Prohl, Sean
 ; APPLICANT: Paepfer, Bryan
 ; APPLICANT: Staehling-Hampton, Karen
 ; TITLE OF INVENTION: METHODS FOR IDENTIFYING
 ; TITLE OF INVENTION: GENOMIC DELETIONS
 ; FILE REFERENCE: 240083.515C1
 ; CURRENT APPLICATION NUMBER: US/10/353,150
 ; CURRENT FILING DATE: 2003-01-27
 ; NUMBER OF SEQ ID NOS: 105
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 90
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR primer
 ; US-10-353-150-90

Query Match 0.9%; Score 20.4; DB 1; Length 22;
 Best Local Similarity 95.5%; Pred. No. 8.4e+02;
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCCTCAGCTCCCA 2208
 Db 22 ATTCTCTGCCTCAGCTCCCA 1

RESULT 239

US-10-353-150-94/c
 ; Sequence 94, Application US/10353150
 ; Publication No. US20030157543A1

GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary E.
 ; APPLICANT: Prohl, Sean
 ; APPLICANT: Paepfer, Bryan
 ; APPLICANT: Staehling-Hampton, Karen
 ; TITLE OF INVENTION: METHODS FOR IDENTIFYING
 ; TITLE OF INVENTION: GENOMIC DELETIONS
 ; FILE REFERENCE: 240083.515C1
 ; CURRENT APPLICATION NUMBER: US/10/353,150
 ; CURRENT FILING DATE: 2003-01-27
 ; NUMBER OF SEQ ID NOS: 105
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 94
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR primer
 ; US-10-353-150-94

Query Match 0.9%; Score 20.4; DB 1; Length 22;
 Best Local Similarity 95.5%; Pred. No. 8.4e+02;
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCCTCAGCTCCCA 2208
 Db 22 ATTCTCTGCCTCAGCTCCCA 1

RESULT 240

US-10-452-510-274/c

; Sequence 274, Application US/10452510
 ; Publication No. US20040005666A1

GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.
 ; APPLICANT: Brooks-Wilson, Angela R.
 ; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
 ; FILE REFERENCE: 760050-93
 ; CURRENT APPLICATION NUMBER: US/10/452,510

```
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-274

Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCGCTCAGCCTCCCAA 2209
Db      22 TTCTCTGCGCTTAGCCTCCCAA 1

RESULT 241
US-10-617-334-274/c
; Sequence 274, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-274

Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCGCTCAGCCTCCCAA 2209
Db      22 TTCTCTGCGCTTAGCCTCCCAA 1

RESULT 242
US-10-744-465-274/c
; Sequence 274, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
```

```
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-274

Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCGCTCAGCCTCCCAA 2209
Db      22 TTCTCTGCGCTTAGCCTCCCAA 1

RESULT 243
US-10-833-679-274/c
; Sequence 274, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-274

Query Match          0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCGCTCAGCCTCCCAA 2209
```

[illegible]

```

RESULT 247
US-09-752-983-5/c
; Sequence 5, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-5

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 95 CTCTGACCGAGATCCTGCTG 114
Db 20 CTCTGACCGAGATCCTGCTG 1

```

```

RESULT 248
US-09-752-983-6/c
; Sequence 6, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-6

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 147 ATTAGTGCGTACGAGCGCCC 166
Db 20 ATTAGTGCGTACGAGCGCCC 1

```

```

RESULT 249
US-09-752-983-7/c
; Sequence 7, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 7:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-7

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 181 GAGAGTGAATGATCCCGA 200
    |||||
DB 20 GAGAGTGAATGATCCCGA 1

```

RESULT 250

```

US-09-752-983-8/c
; Sequence 8, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-8

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 273 CTCGAAGCGGAAACCCCG 292
    |||||
DB 20 CTCGAAGCGGAAACCCCG 1

```

RESULT 251

```

US-09-752-983-9/c

```

```

; Sequence 9, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-9

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 295 TGGTGAGGAGCAGCAATG 314
    |||||
DB 20 TGGTGAGGAGCAGCAATG 1

```

RESULT 252

```

US-09-752-983-10/c
; Sequence 10, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

```

```

; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-10

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 303 AGCAGGCAAAATGTCATAC 322
Db 20 AGCAGGCAAAATGTCATAC 1

RESULT 253
US-09-752-983-11/c
; Sequence 11, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-11

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 303 AGCAGGCAAAATGTCATAC 322
Db 20 AGCAGGCAAAATGTCATAC 1

RESULT 253
US-09-752-983-11/c
; Sequence 11, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-11

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; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-11

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 331 CTGTACTACTGATGTGCT 350
Db 20 CTGTACTACTGATGTGCT 1

RESULT 254
US-09-752-983-12/c
; Sequence 12, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-12

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 GATCTACAGGAACCTGTAG 636
Db 20 GATCTACAGGAACCTGTAG 1

RESULT 255
US-09-752-983-13/c
; Sequence 13, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

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;; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;; APPLICANT: Graham, Brett P. Monia
;; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
;; TITLE OF INVENTION: EXPRESSION
;; NUMBER OF SEQUENCES: 271
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Law Offices of Jane Massey Licata
;; STREET: 66 East Main Street
;; CITY: Marlton
;; STATE: NJ
;; COUNTRY: U.S.A.
;; ZIP: 08053
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;; COMPUTER: IBM PC
;; OPERATING SYSTEM: WINDOWS 95
;; SOFTWARE: WORDPERFECT 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/752,983
;; FILING DATE: 02-Jan-2001
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 13:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-09-752-983-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 AGTGTAGAATTGAAGTTGA 1066
Db 20 AGTGTAGAATTGAAGTTGA 1

RESULT 256
US-09-752-983-14/c
; Sequence 14, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983

;; FILING DATE: 02-Jan-2001
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 14:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-09-752-983-14

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1381 TTGATGTTCTCTGATTGTA 1400
Db 20 TTGATGTTCTCTGATTGTA 1

RESULT 257
US-09-752-983-15/c
; Sequence 15, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

US-09-752-983-15

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1695 TTTACATGTGCAAGAGCT 1714
 |||||
 Db 20 TTTACATGTGCAAGAGCT 1

RESULT 258

US-09-752-983-16/c
 ; Sequence 16, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-16

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1776 TATTCCCTAGTTGACCTG 1795
 |||||
 Db 20 TATTCCCTAGTTGACCTG 1

RESULT 259

US-09-752-983-17/c
 ; Sequence 17, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:

Qy 1785 TAGTTGACCTGTCTATAAGA 1804
 |||||
 Db 20 TAGTTGACCTGTCTATAAGA 1

RESULT 260

US-09-752-983-18/c
 ; Sequence 18, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 17:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-17

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1785 TAGTTGACCTGTCTATAAGA 1804
 |||||
 Db 20 TAGTTGACCTGTCTATAAGA 1

RESULT 260

US-09-752-983-18/c
 ; Sequence 18, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-18

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1818 CTAACATATATACCCCTAGGA 1837
Db 20 CTAACATATATACCCCTAGGA 1

RESULT 261
US-09-752-983-19/c
; Sequence 19, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-19

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1818 CTAACATATATACCCCTAGGA 1837
Db 20 CTAACATATATACCCCTAGGA 1

RESULT 261
US-09-752-983-19/c
; Sequence 19, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-19

Query Match          0.8%; Score 20; DB 1; Length 20;

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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1934 TAGTGAATAGTGAATCTT 1953
Db 20 TAGTGAATAGTGAATCTT 1

RESULT 262
US-09-752-983-20/c
; Sequence 20, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-20

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2132 AGTGCAGTGGGTGATCTTG 2151
Db 20 AGTGCAGTGGGTGATCTTG 1

RESULT 263
US-09-752-983-21/c
; Sequence 21, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```

```
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-21

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2224 AGTCATCTGCCACCACCT 2243
| | | | | | | | | | | | | | | | | |
Db 20 AGTCATCTGCCACCACCT 1

RESULT 264
US-09-752-983-22/c
; Sequence 22, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2256 GTACTTTTGTAGACAGCAGG 2275
| | | | | | | | | | | | | | | | | |
Db 20 GTACTTTTGTAGACAGCAGG 1

RESULT 265
US-09-752-983-25/c
; Sequence 25, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-25

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 37 GGCCCTGTGTGCGGAAGA 56
 |||||
 Db 20 GGCCCTGTGTGCGGAAGA 1

RESULT 266

US-09-752-983-33/c
 ; Sequence 33, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 33:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-33

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CCGCGCGAGCTTGGCTGCTT 23
 |||||
 Db 20 CCGCGCGAGCTTGGCTGCTT 1

RESULT 267

US-09-752-983-34/c
 ; Sequence 34, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 34:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-34

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 TTGGCTGCTTCTGGGCGCTG 33
 |||||
 Db 20 TTGGCTGCTTCTGGGCGCTG 1

RESULT 268

US-09-752-983-35/c
 ; Sequence 35, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-35

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 20 GCTTCTGGGCGCTGTGGC 39
    |||||
Db 20 GCCTGTGGGCGCTGTGTGT 1

```

RESULT 269

```
US-09-752-983-36/c
```

```
; Sequence 36, Application US/09752983
; Patent No. US20010016575A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
```

```
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
```

```
; COMPUTER READABLE FORM:
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```
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
```

```
; SOFTWARE: WORDPERFECT 6.0
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
```

```
; CLASSIFICATION:
```

```
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
```

```
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Licata, Jane Massey
```

```
; REGISTRATION NUMBER: 32,257
```

```
; REFERENCE/DOCKET NUMBER: ISPH-0346
```

```
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: 609-810-1515
```

```
; TELEFAX: 609-810-1454
```

```
; INFORMATION FOR SEQ ID NO: 36:
```

```
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 20 base pairs
```

```
; TYPE: Nucleic Acid
```

```
; STRANDEDNESS: Single
```

```
; TOPOLOGY: Linear
```

```
; ANTI-SENSE: Yes
```

```
US-09-752-983-36
```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 29 GCCTGTGTGGCCCTGTGTGT 48
    |||||
Db 20 GCCTGTGTGGCCCTGTGTGT 1

```

RESULT 270

```
US-09-752-983-37/c
```

```
; Sequence 37, Application US/09752983
```

```
; Patent No. US20010016575A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
```

```
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
```

```
; CITY: Marlton
```

```
; STATE: NJ
```

```
; COUNTRY: U.S.A.
```

```
; ZIP: 08053
```

```
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
```

```
; COMPUTER: IBM PC
```

```
; OPERATING SYSTEM: WINDOWS 95
```

```
; SOFTWARE: WORDPERFECT 6.0
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/752,983
```

```
; FILING DATE: 02-Jan-2001
```

```
; CLASSIFICATION:
```

```
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: 09/280,805
```

```
; FILING DATE: <Unknown>
```

```
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Licata, Jane Massey
```

```
; REGISTRATION NUMBER: 32,257
```

```
; REFERENCE/DOCKET NUMBER: ISPH-0346
```

```
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: 609-810-1515
```

```
; TELEFAX: 609-810-1454
```

```
; INFORMATION FOR SEQ ID NO: 37:
```

```
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 20 base pairs
```

```
; TYPE: Nucleic Acid
```

```
; STRANDEDNESS: Single
```

```
; TOPOLOGY: Linear
```

```
; ANTI-SENSE: Yes
```

```
US-09-752-983-37
```

```
Query Match      0.8%; Score 20; DB 1; Length 20;
```

```
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
```

```
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 34 TGTGGCCCTGTGTGTGGAA 53
```

```
|||||
```

```
Db 20 TGTGGCCCTGTGTGTGGAA 1
```

RESULT 271

```
US-09-752-983-38/c
```

```
; Sequence 38, Application US/09752983
```

```
; Patent No. US20010016575A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
```

```
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
```

```
; CITY: Marlton
```

```
; STATE: NJ
```

```
; COUNTRY: U.S.A.
```

```
; ZIP: 08053
```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-38

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 43 GTGTGCGAAGATGGAGC 62
DB 20 GTGTGCGAAGATGGAGC 1

```

```

RESULT 272
US-09-752-983-39/c
; Sequence 39, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454

```

```

; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-39

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 50 GGAAGATGGAGCAAGAGC 69
DB 20 GGAAGATGGAGCAAGAGC 1

```

```

RESULT 273
US-09-752-983-40/c
; Sequence 40, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-40

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 62 CAAGAAGCCGAGCCGAGGG 81
DB 20 CAAGAAGCCGAGCCGAGGG 1

```

```

RESULT 274

```

```
US-09-752-983-41/c
; Sequence 41, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-41

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 70 CGAGCCCGAGGGCGGCGCGC 89
Db 20 CGAGCCCGAGGGCGGCGCGC 1

RESULT 275
US-09-752-983-42/c
; Sequence 42, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-41
```

```
US-09-752-983-43/c
; Sequence 43, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-43

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 98 TGACCGAGATCTGCTGCTT 117
Db 20 TGACCGAGATCTGCTGCTT 1

RESULT 276
US-09-752-983-43/c
; Sequence 43, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
```

;
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-43

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 105 GATCTGCTGCTTTCGAGC 124
|||||
Db 20 GATCTGCTGCTTTCGAGC 1

RESULT 277

US-09-752-983-44/c
; Sequence 44, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-44

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 113 TGCTTTCGACCCAGGAGCA 132
|||||
Db 20 TGCTTTCGACCCAGGAGCA 1

RESULT 278

US-09-752-983-45/c
; Sequence 45, Application US/09752983
; Patent No. US20010016575A1

;
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-45

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 120 GCAGCCAGGAGCACCGTCCC 139
|||||
Db 20 GCAGCCAGGAGCACCGTCCC 1

RESULT 279

US-09-752-983-46/c
; Sequence 46, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:


```

; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-46

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 150 AGTGGGTACGAGCGCCAGT 169
| | | | | | | | | | | | | | | | | |
Db 20 AGTGGGTACGAGCGCCAGT 1

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RESULT 280
US-09-752-983-47/c
; Sequence 47, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

```

```

; ANTI-SENSE: Yes
; US-09-752-983-47
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 158 CGAGCGCCCGAGTGCCTGGC 177
| | | | | | | | | | | | | | | | | |
Db 20 CGAGCGCCCGAGTGCCTGGC 1

RESULT 281
US-09-752-983-48/c
; Sequence 48, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-48

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 165 CCAGTGCCTGGCCGGAGA 184
| | | | | | | | | | | | | | | | | |
Db 20 CCAGTGCCTGGCCGGAGA 1

```

```

RESULT 282
US-09-752-983-49/c
; Sequence 49, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-49

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 174 TGGCCCGAGAGTGGATGA 193
Db 20 TGGCCCGAGAGTGGATGA 1

```

```

RESULT 283
US-09-752-983-50/c
; Sequence 50, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-50

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 202 GCCCAGGCGTGTGCTTCC 221
Db 20 GCCCAGGCGTGTGCTTCC 1

```

```

RESULT 284
US-09-752-983-51/c
; Sequence 51, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-51

```

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 208 GGCCTCGTCTCCGACGTA 227
 Db 20 GGCCTCGTCTCCGACGTA 1

RESULT 285

US-09-752-983-52/c
 ; Sequence 52, Application US/09752983
 ; Patent No. US20010016575A1

; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.

; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001

CLASSIFICATION:

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 52:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-752-983-52

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 217 CTTCCGCGAGTAGTCAGTCCC 236
 Db 20 CTTCCGCGAGTAGTCAGTCCC 1

RESULT 286

US-09-752-983-53/c
 ; Sequence 53, Application US/09752983
 ; Patent No. US20010016575A1

; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.

; ZIP: 08053

COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/752,983

; FILING DATE: 02-Jan-2001

CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 53:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-752-983-53

Query Match

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 242 AGGAAACTGGGAGTCTTGA 261

Db 20 AGGAAACTGGGAGTCTTGA 1

RESULT 287

US-09-752-983-54/c
 ; Sequence 54, Application US/09752983
 ; Patent No. US20010016575A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.

; ZIP: 08053

COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/752,983

; FILING DATE: 02-Jan-2001

CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805

; FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 54:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-54

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 289 CCCGATGTTGAGGAGG 308
 DB 20 CCCGATGTTGAGGAGG 1

RESULT 288
 US-09-752-983-55/c
 ; Sequence 55, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 55:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-55

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 293 GATGGTGAGGAGGCAAA 312
 DB 20 GATGGTGAGGAGGCAAA 1

RESULT 289
 US-09-752-983-56/c
 ; Sequence 56, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 56:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-56

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 294 ATGGTGAGGAGGCAAAAT 313
 DB 20 ATGGTGAGGAGGCAAAAT 1

RESULT 290
 US-09-752-983-57/c
 ; Sequence 57, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street

```

; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-57

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 296 GGTGAGGAGCAGGCAAAATGT 315
Db 20 GGTGAGGAGCAGGCAAAATGT 1

RESULT 291
US-09-752-983-58/c
; Sequence 58, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-59

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 TGGTGGAGCAGGCAAAATGTGC 317
Db 20 TGGTGGAGCAGGCAAAATGTGC 1

```

```

; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-58

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 297 GTGAGGAGCAGGCAAAATGTG 316
Db 20 GTGAGGAGCAGGCAAAATGTG 1

RESULT 292
US-09-752-983-59/c
; Sequence 59, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-59

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 TGGTGGAGCAGGCAAAATGTGC 317
Db 20 TGGTGGAGCAGGCAAAATGTGC 1

```

Db 20 TGAGGAGCAGCAAAATGTGC 1

RESULT 293
US-09-752-983-60/c
; Sequence 60, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-61

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 300 AGGAGCAGCAAAATGTGCAA 319
|||||
Db 20 AGGAGCAGCAAAATGTGCAA 1

RESULT 295
US-09-752-983-62/c
; Sequence 62, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 GAGGAGCAGCAAAATGTGCA 318
|||||
Db 20 GAGGAGCAGCAAAATGTGCA 1

RESULT 294
US-09-752-983-61/c
; Sequence 61, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.

```

; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-62

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 301 GGAGCGAGCAAAATGTGCAAT 320
   |||||
Db 20 GGAGCGAGCAAAATGTGCAAT 1

RESULT 296
US-09-752-983-63/c
; Sequence 63, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-64

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 GCAGGCAAAATGTGCAATACC 323
   |||||
Db 20 GCAGGCAAAATGTGCAATACC 1

RESULT 298
US-09-752-983-65/c
; Sequence 65, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-63

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 302 GAGCGAGCAAAATGTGCAATA 321
   |||||
Db 20 GAGCGAGCAAAATGTGCAATA 1

```

COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-65

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 305 CAGGCAAAATGTGCAATACCA 324
Db 20 CAGGCAAAATGTGCAATACCA 1

RESULT 299
US-09-752-983-66/c
Sequence 66, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-66

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 306 AGGCAAAATGTGCAATACCAA 325
Db 20 AGGCAAAATGTGCAATACCAA 1

RESULT 300
US-09-752-983-67/c
Sequence 67, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-67

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 GGCAAAATGTGCAATACCAAC 326
Db 20 GGCAAAATGTGCAATACCAAC 1

RESULT 301
US-09-752-983-68/c
Sequence 68, Application US/09752983


```

; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1515
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-68

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 308 GCAATGTGCAATACCAACA 327
Db 20 GCAATGTGCAATACCAACA 1

```

```

RESULT 302
US-09-752-983-69/c
; Sequence 69, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1515
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-69

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 309 CAAATGTGCAATACCAACAT 328
Db 20 CAAATGTGCAATACCAACAT 1

```

```

RESULT 303
US-09-752-983-70/c
; Sequence 70, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1515
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-70

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 310 AATGTGCAATACCAACATG 329
DB 20 AATGTGCAATACCAACATG 1

RESULT 304
US-09-752-983-71/c
; Sequence 71, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-72

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGTC 331
DB 20 ATGTGCAATACCAACATGTC 1

RESULT 306
US-09-752-983-73/c
; Sequence 73, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-71

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 311 AATGTGCAATACCAACATGT 330
DB 20 AATGTGCAATACCAACATGT 1

RESULT 305
US-09-752-983-72/c
; Sequence 72, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-73

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 313 TGTGCAATACCAACATGCTCT 332
Db 20 TGTGCAATACCAACATGCTCT 1

```

```

RESULT 307
US-09-752-983-74/c
; Sequence 74, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-74

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 314 GTGCAATACCAACATGCTGTG 333
Db 20 GTGCAATACCAACATGCTGTG 1

```

```

RESULT 308
US-09-752-983-75/c
; Sequence 75, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-75

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 323 CAACATGCTGTACTACTG 342
Db 20 CAACATGCTGTACTACTG 1

```

```

RESULT 309
US-09-752-983-76/c
; Sequence 76, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-76

```

```

; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-76

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 334 TACCTACTGATGGTGCTGTA 353
DB 20 TACCTACTGATGGTGCTGTA 1

```

```

RESULT 310
US-09-752-983-77/c
; Sequence 77, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805

```

```

; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-77

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 351 GTAACCACTTCACAGATTCC 370
DB 20 GTAACCACTTCACAGATTCC 1

```

```

RESULT 311
US-09-752-983-78/c
; Sequence 78, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-78

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 361 CACAGATTCAGCTTCGAA 380
 |||||
 Db 20 CACAGATTCAGCTTCGAA 1

RESULT 312

US-09-752-983-79/c
 ; Sequence 79, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001

CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 79:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-79

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 372 GCTTCGGAACAAGAGACCT 391
 |||||
 Db 20 GCTTCGGAACAAGAGACCT 1

RESULT 313

US-09-752-983-80/c
 ; Sequence 80, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 80:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-80

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 386 GACCTGGTTAGACCAAGC 405
 |||||
 Db 20 GACCTGGTTAGACCAAGC 1

RESULT 314

US-09-752-983-81/c
 ; Sequence 81, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-81

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 GGTAGACCAAGCATTCG 411
DB 20 GGTAGACCAAGCATTCG 1

RESULT 315

US-09-752-983-82/c
Sequence 82, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-09-752-983-82
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 AGCCATTGCTTTGAAGTTA 422
DB 20 AGCCATTGCTTTGAAGTTA 1

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 AGCCATTGCTTTGAAGTTA 422
DB 20 AGCCATTGCTTTGAAGTTA 1

DB 20 AGCCATTGCTTTGAAGTTA 1

RESULT 316

US-09-752-983-83/c
Sequence 83, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-09-752-983-83
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 422 ATTAAGTCTGTGGTGAC 441
DB 20 ATTAAGTCTGTGGTGAC 1

RESULT 317
US-09-752-983-84/c
Sequence 84, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-09-752-983-84
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 317

US-09-752-983-84/c
Sequence 84, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-09-752-983-84
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-84

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 450 ACTTATCTATGAAAGAGGT 469
Db 20 ACTTATCTATGAAAGAGGT 1

RESULT 318
US-09-752-983-85/c
; Sequence 85, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-86

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 490 ATATTATGACTAAACGATTA 509
Db 20 ATATTATGACTAAACGATTA 1

TELECOMMUNICATION INFORMATION:

```

```

; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-85

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 477 TATCTTGGCCAGTATATTAT 496
Db 20 TATCTTGGCCAGTATATTAT 1

RESULT 319
US-09-752-983-86/c
; Sequence 86, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-86

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 490 ATATTATGACTAAACGATTA 509
Db 20 ATATTATGACTAAACGATTA 1

```

```

RESULT 320
US-09-752-983-87/c
; Sequence 87, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-87

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 496 TGACTAAACGATTATATGAT 515
Db 20 TGACTAAACGATTATATGAT 1

```

```

RESULT 321
US-09-752-983-88/c
; Sequence 88, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 88:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-88

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 503 ACCATTATATGATGAGAAGC 522
Db 20 ACCATTATATGATGAGAAGC 1

```

```

RESULT 322
US-09-752-983-89/c
; Sequence 89, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 89:

```



```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-89
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 515 TGAGAAGCAACAATATTG 534
Db 20 TGAGAAGCAACAATATTG 1
```

RESULT 323

```
US-09-752-983-90/c
; Sequence 90, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 90:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-91
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 531 ATTGTATATTGTTCAAATGA 550
Db 20 ATTGTATATTGTTCAAATGA 1
```

RESULT 325

```
US-09-752-983-92/c
; Sequence 92, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 525 CAACATATTGTATATTGTC 544
Db 20 CAACATATTGTATATTGTC 1
```

RESULT 324

```
US-09-752-983-91/c
```

;; SOFTWARE: WORDPERFECT 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/752,983
;; FILING DATE: 02-Jan-2001
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 92:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;; US-09-752-983-92

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 538 ATTGTTCAAATGATCTTCTA 557
Db 20 ATTGTTCAAATGATCTTCTA 1

RESULT 326
US-09-752-983-93/c
; Sequence 93, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 93:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid

;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;; US-09-752-983-93

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 549 GATCTTCTAGGAGATTGTT 568
Db 20 GATCTTCTAGGAGATTGTT 1

RESULT 327
US-09-752-983-94/c
; Sequence 94, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-94

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 559 GAGATTGTTTGGCGTGCCA 578
Db 20 GAGATTGTTTGGCGTGCCA 1

RESULT 328
US-09-752-983-95/c
; Sequence 95, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-95

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 566 GTTGGCGTCCAGCTTCT 585
Db 20 GTTGGCGTCCAGCTTCT 1

RESULT 329
US-09-752-983-96/c
; Sequence 96, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-96

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; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-96

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 575 GCCAAGCTTCTCTGTGAAAG 594
Db 20 GCCAAGCTTCTCTGTGAAAG 1

RESULT 330
US-09-752-983-97/c
; Sequence 97, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-97

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US-09-752-983-97

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 587 TGTGAAGAGCAGCAGGAAA 606
 ||||||||||||||||||
 Db 20 TGTGAAGAGCAGCAGGAAA 1

RESULT 331

US-09-752-983-98/c
 ; Sequence 98, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1454
 ; TELEFAX: 609-810-1515
 ; INFORMATION FOR SEQ ID NO: 98:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-99

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 AGGAAATATATACCATGAT 619
 ||||||||||||||||||
 Db 20 AGGAAATATATACCATGAT 1

RESULT 333

US-09-752-983-100/c
 ; Sequence 100, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 593 AGAGCAGGAGAAATATATA 612
 ||||||||||||||||||
 Db 20 AGAGCAGGAGAAATATATA 1

RESULT 332

US-09-752-983-99/c
 ; Sequence 99, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-100

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 609 TATACCATGATCTACAGAA 628
Db 20 TATACCATGATCTACAGAA 1

RESULT 334

US-09-752-983-101/c
; Sequence 101, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-101

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 619 TCTACAGGAACCTGGTAGTA 638
Db 20 TCTACAGGAACCTGGTAGTA 1

RESULT 335

US-09-752-983-102/c
; Sequence 102, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-102

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 634 TAGTACTCAATCAGCAGAA 653
Db 20 TAGTACTCAATCAGCAGAA 1

RESULT 336

US-09-752-983-103/c
; Sequence 103, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 103:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-103

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```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 646 AGCAGGAATCGGACTCA 665
Db 20 AGCAGGAATCGGACTCA 1

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RESULT 337
US-09-752-983-104/C
; Sequence 104, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-104

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 656 ATCGGACTCAGGTACATCTG 675
Db 20 ATCGGACTCAGGTACATCTG 1

RESULT 338
US-09-752-983-105/C
; Sequence 105, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-105

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 669 ACATCTGTGAGTGAGACAG 689
 Db 20 ACATCTGTGAGTGAGACAG 1

RESULT 339

US-09-752-983-106/c
 ; Sequence 106, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 106:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-106

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 682 AGAACAGGTGTACCTTGAA 701
 Db 20 AGAACAGGTGTACCTTGAA 1

RESULT 340

US-09-752-983-107/c
 ; Sequence 107, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 107:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-107

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 691 GTCACCTTGAAGTGGGAGT 710
 Db 20 GTCACCTTGAAGTGGGAGT 1

RESULT 341

US-09-752-983-108/c
 ; Sequence 108, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 108:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-108

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGGAGTGATCAAAAGGACC 723
DB 20 TGGGAGTGATCAAAAGGACC 1

RESULT 342

US-09-752-983-109/c
Sequence 109, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 109:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-109

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 AGGACCTTGTACAAGACTT 737
DB 20 AGGACCTTGTACAAGACTT 1

RESULT 343

US-09-752-983-110/c
Sequence 110, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-110

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TACAAGAGCTTCAGGAAGAG 746
DB 20 TACAAGAGCTTCAGGAAGAG 1

RESULT 344

US-09-752-983-111/c
Sequence 111, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053


```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-111

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      740 GGAAGAGAACCTTCATCTT 759
Db      20 GGAAGAGAACCTTCATCTT 1

RESULT 345
US-09-752-983-112/c
; Sequence 112, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-113

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      761 ACATTTGGTTTCTAGACCAT 780
Db      20 ACATTTGGTTTCTAGACCAT 1

RESULT 347
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```
;
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-112

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      752 TTCATCTTCACATTTGGTTT 771
Db      20 TTCATCTTCACATTTGGTTT 1

RESULT 346
US-09-752-983-113/c
; Sequence 113, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-113

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      761 ACATTTGGTTTCTAGACCAT 780
Db      20 ACATTTGGTTTCTAGACCAT 1

RESULT 347
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```

US-09-752-983-114/c
; Sequence 114, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-115
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 787 CATCTAGAGGAGCAATT 806
      |||||
Db 20 CATCTAGAGGAGCAATT 1

RESULT 349
US-09-752-983-116/c
; Sequence 116, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-114

US-09-752-983-115/c
; Sequence 115, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-114

US-09-752-983-116/c
; Sequence 116, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

```

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-116

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 798 AGAGCAATTAGTGAGACAGA 817
DB 20 AGAGCAATTAGTGAGACAGA 1

RESULT 350
US-09-752-983-117/c
; Sequence 117, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1515
; INFORMATION FOR SEQ ID NO: 117:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-118

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 824 TTCAGATGAATTATCTGGTG 843
DB 20 TTCAGATGAATTATCTGGTG 1

RESULT 352
US-09-752-983-119/c
; Sequence 119, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1515
; INFORMATION FOR SEQ ID NO: 117:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-117

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 GAGACAGAGAAATTCAGA 829
DB 20 GAGACAGAGAAATTCAGA 1

RESULT 351
US-09-752-983-118/c
; Sequence 118, Application US/09752983
; Patent No. US20010016575A1

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; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 119:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-119

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      833 ATTATCTGGTGAACGACAAA 852
Db      20 ATTATCTGGTGAACGACAAA 1

RESULT 353
US-09-752-983-120/c
; Sequence 120, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-120

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      833 ATTATCTGGTGAACGACAAA 852
Db      20 ATTATCTGGTGAACGACAAA 1

RESULT 353
US-09-752-983-120/c
; Sequence 120, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-120

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      857 ACGCCACAAATCTGATAGTA 876
Db      20 ACGCCACAAATCTGATAGTA 1

RESULT 355
US-09-752-983-122/c
; Sequence 122, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

```

; ANTI-SENSE: Yes
US-09-752-983-120

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      844 AACGACAAAGAAAACGCCAC 863
Db      20 AACGACAAAGAAAACGCCAC 1

RESULT 354
US-09-752-983-121/c
; Sequence 121, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-121

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      857 ACGCCACAAATCTGATAGTA 876
Db      20 ACGCCACAAATCTGATAGTA 1

RESULT 355
US-09-752-983-122/c
; Sequence 122, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-122

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 867 TCTGATAGTATTTCCCTTC 886
| | | | | | | | | | | | | | | |
Db 20 TCTGATAGTATTTCCCTTC 1

```

```

RESULT 356
US-09-752-983-123/c
; Sequence 123, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-123

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 880 CCCTTTCCTTTGATGAAAGC 899
| | | | | | | | | | | | | | | |
Db 20 CCCTTTCCTTTGATGAAAGC 1

```

```

RESULT 357
US-09-752-983-124/c
; Sequence 124, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-124

```

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 AAAGCTGGCTCTGTGTGA 914
 |||||
 Db 20 AAAGCTGGCTCTGTGTGA 1

RESULT 358
 US-09-752-983-125/c
 ; Sequence 125, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 125:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-125

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 CTCTGTGTGTAATAAGGAG 923
 |||||
 Db 20 CTCTGTGTGTAATAAGGAG 1

RESULT 359
 US-09-752-983-126/c
 ; Sequence 126, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 126:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-126

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATAAGGAGATATGTTGTGA 934
 |||||
 Db 20 ATAAGGAGATATGTTGTGA 1

RESULT 360
 US-09-752-983-127/c
 ; Sequence 127, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-127

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 927 TGTGTGAAAGACAGTAG 946
Db 20 TGTGTGAAAGACAGTAG 1

```

```

RESULT 361
US-09-752-983-128/c
; Sequence 128, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-128

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 936 AGAAGCAGTAGCAGTGAATC 955
Db 20 AGAAGCAGTAGCAGTGAATC 1

```

RESULT 362

```

US-09-752-983-129/c
; Sequence 129, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-129

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 949 GTGAATCTACAGGACGCCA 968
Db 20 GTGAATCTACAGGACGCCA 1

```

```

RESULT 363
US-09-752-983-130/c
; Sequence 130, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street

```

; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-130

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 964 CGCCATCGAATCCGATCTT 983
DB 20 CGCCATCGAATCCGATCTT 1

RESULT 364
US-09-752-983-131/c
; Sequence 131, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESS: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-131

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 971 GAATCCGGATCTTGATGCTG 990
DB 20 GAATCCGGATCTTGATGCTG 1

RESULT 365
US-09-752-983-132/c
; Sequence 132, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESS: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-132

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 983 TGATGCTGGTGAAGTGAAC 1002
DB 20 TGATGCTGGTGAAGTGAAC 1


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Db      20  TGATGCTGGTGAAGTGAAC 1

RESULT 366
US-09-752-983-133/c
; Sequence 133, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-133

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1006  CAGGTGATTGGTTGGATCAG 1025
Db      20    CAGGTGATTGGTTGGATCAG 1

RESULT 368
US-09-752-983-135/c
; Sequence 135, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-133

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      996  AGTGAACATTCAGGTGATTG 1015
Db      20  AGTGAACATTCAGGTGATTG 1

RESULT 367
US-09-752-983-134/c
; Sequence 134, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.

```

TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 135:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-135

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1017 TTGGATCAGGATTCAGTTTC 1036
 |||||
 DB 20 TTGGATCAGGATTCAGTTTC 1

RESULT 369

US-09-752-983-136/c
 Sequence 136, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 136:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-136

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1023 CAGGATTCAGTTTCAGTCA 1042
 |||||
 DB 20 CAGGATTCAGTTTCAGTCA 1

RESULT 370

US-09-752-983-137/c
 Sequence 137, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 137:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-137

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 TTCAGATCAGTTTAGTGTAG 1053
 |||||
 DB 20 TTCAGATCAGTTTAGTGTAG 1

RESULT 371

US-09-752-983-138/c
 Sequence 138, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 138:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-138

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1046 TAGGTGAGAAATTGAAGTTG 1065
Db 20 TAGGTGAGAAATTGAAGTTG 1

RESULT 372

US-09-752-983-139/c
Sequence 139, Application US/09/752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 139:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-139

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1051 TAGAATTGGAATGTAATCT 1070
Db 20 TAGAATTGGAATGTAATCT 1

RESULT 373

US-09-752-983-140/c
Sequence 140, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-140

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1059 GAAGTTGAATCTCTCGACTC 1078
Db 20 GAAGTTGAATCTCTCGACTC 1

RESULT 374

US-09-752-983-141/c
Sequence 141, Application US/09752983

```

; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 141:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-141

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```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY 1068 TCTCTCGACTCAGAAGATTA 1087
Db 20 TCTCTCGACTCAGAAGATTA 1

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RESULT 375
US-09-752-983-142/c
; Sequence 142, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-142

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1077 TCAGAAGATTATAGCCTTAG 1096
Db 20 TCAGAAGATTATAGCCTTAG 1

```

```

RESULT 376
US-09-752-983-143/c
; Sequence 143, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-143

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 ATTATAGCCTTAGTGAAGA 1103
Db 20 ATTATAGCCTTAGTGAAGA 1

RESULT 377
US-09-752-983-144/c
; Sequence 144, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 145:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-145

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1100 AGAAGGACAAAGACTCTCAG 1119
Db 20 AGAAGGACAAAGACTCTCAG 1

RESULT 379
US-09-752-983-146/c
; Sequence 146, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-144

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1092 CTTAGTGAAGAGGACAAGA 1111
Db 20 CTTAGTGAAGAGGACAAGA 1

RESULT 378
US-09-752-983-145/c
; Sequence 145, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 146:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-146

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1105 GACAAGAACTCTCAGATGAA 1124
|||||
DB 20 GACAAGAACTCTCAGATGAA 1

RESULT 380

US-09-752-983-147/c
Sequence 147, Application US/09752983
Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-147

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1115 CTCAGATGAAGATGATGAGG 1134
|||||
DB 20 CTCAGATGAAGATGATGAGG 1

RESULT 381

US-09-752-983-148/c
Sequence 148, Application US/09752983
Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 148:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-148

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1124 AGATGATGAGGTATATCAAG 1143
|||||
DB 20 AGATGATGAGGTATATCAAG 1

RESULT 382

US-09-752-983-149/c
Sequence 149, Application US/09752983
Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION

```

; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-149

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1135 TATATCAAGTACTGTGTAT 1154
Db 20 TATATCAAGTACTGTGTAT 1

RESULT 383
US-09-752-983-150/c
; Sequence 150, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-151

```

```

; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-150

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1149 GTGTATCAGCGGGGAG 1168
Db 20 GTGTATCAGCGGGGAG 1

RESULT 384
US-09-752-983-151/c
; Sequence 151, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-151

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1161 GGGAGAGTGATACAGATTC 1180
 Db 20 GGGAGAGTGATACAGATTC 1

RESULT 385

US-09-752-983-152/C
 ; Sequence 152, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 152:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-152

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAGATCCTGAAATTT 1203
 Db 20 TGAAGAGATCCTGAAATTT 1

RESULT 387

US-09-752-983-154/C
 ; Sequence 154, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey

QY 1170 GATACAGATTCATTGAGA 1189
 Db 20 GATACAGATTCATTGAGA 1

RESULT 386

US-09-752-983-153/C
 ; Sequence 153, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata


```

; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-154

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1196 TGAATTCCTAGCTGACT 1215
Db 20 TGAATTCCTAGCTGACT 1

```

```

RESULT 388
US-09-752-983-155/c
; Sequence 155, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 155:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-155

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1207 TAGCTGACTATTGGAATGC 1226

```

```

Db 20 TAGCTGACTATTGGAATGC 1

```

```

RESULT 389
US-09-752-983-156/c
; Sequence 156, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 156:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-156

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1220 GAAATGCATTCATGCAATG 1239
Db 20 GAAATGCATTCATGCAATG 1

```

```

RESULT 390
US-09-752-983-157/c
; Sequence 157, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ

```

```

; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-157

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1226 CACTTCATGCAATGAATGA 1245
DB 20 CACTTCATGCAATGAATGA 1

```

```

RESULT 391
US-09-752-983-158/c
; Sequence 158, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:

```

```

; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 158:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-158

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1257 CCATCATTGCAACAGATG 1276
DB 20 CCATCATTGCAACAGATG 1

```

```

RESULT 392
US-09-752-983-159/c
; Sequence 159, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 159:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-159

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1268 CAACAGATGTTGGCCCTTC 1287
DB 20 CAACAGATGTTGGCCCTTC 1

```

```

RESULT 393
US-09-752-983-160/c
; Sequence 160, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-160

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1275 TGTGGGCCCTTCGTGAGAA 1294
DB 20 TGTGGGCCCTTCGTGAGAA 1

RESULT 394
US-09-752-983-161/c
; Sequence 161, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-160

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1275 TGTGGGCCCTTCGTGAGAA 1294
DB 20 TGTGGGCCCTTCGTGAGAA 1

```

```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-161

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 CCTTCGTGAGATTGGCTTC 1302
DB 20 CCTTCGTGAGATTGGCTTC 1

RESULT 395
US-09-752-983-162/c
; Sequence 162, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 162:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-162

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1292 GAATTGGCTTCTCTGAAGATA 1311
      |||||
Db      20 GAATTGGCTTCTCTGAAGATA 1

```

RESULT 396

```

US-09-752-983-163/c
; Sequence 163, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-163

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1301 TCTTGAAGATAAAGGGAAG 1320
      |||||
Db      20 TCTTGAAGATAAAGGGAAG 1

```

RESULT 397

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US-09-752-983-164/c

```

```

; Sequence 164, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 164:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-164

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy      1311 AAAGGGAAGATAAAGGGA 1330
      |||||
Db      20 AAAGGGAAGATAAAGGGA 1

```

RESULT 398

```

US-09-752-983-165/c

```

```

; Sequence 165, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

```

SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 165:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-165

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1325 AGGGAAATCTCTGAGAAAG 1344
Db 20 AGGGAAATCTCTGAGAAAG 1

RESULT 399

US-09-752-983-166/c
Sequence 166, Application US/09/752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 166:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid

STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-166

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1333 TCTCTGAGAAAGCCAAACTG 1352
Db 20 TCTCTGAGAAAGCCAAACTG 1

RESULT 400

US-09-752-983-167/c
Sequence 167, Application US/09/752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 167:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-167

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1346 CAAACTGGAAACTCAACAC 1365
Db 20 CAAACTGGAAACTCAACAC 1

RESULT 401

US-09-752-983-168/c
Sequence 168, Application US/09/752983
Patent No. US20010016575A1
GENERAL INFORMATION:

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 168:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-168

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1358 CTCACACACAGCTGAAGG 1377
DB 20 CTCACACACAGCTGAAGG 1

```

```

RESULT 402
US-09-752-983-169/c
; Sequence 169, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983

```

```

; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-169

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1368 GCTGAAGAGGGCTTTGATGT 1387
DB 20 GCTGAAGAGGGCTTTGATGT 1

```

```

RESULT 403
US-09-752-983-170/c
; Sequence 170, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 170:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

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US-09-752-983-170

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1401 AAACTATAGTGAATGATTC 1420
 |||||
 Db 20 AAACTATAGTGAATGATTC 1

RESULT 404

US-09-752-983-171/c
 ; Sequence 171, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 171:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-171

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1412 GAATGATTCAGAGATGTCAT 1431
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 Db 20 GAATGATTCAGAGATGTCAT 1

RESULT 405

US-09-752-983-172/c
 ; Sequence 172, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 172:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-172

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1421 CAGAGATCATGTGTGAGG 1440
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 Db 20 CAGAGATCATGTGTGAGG 1

RESULT 406

US-09-752-983-173/c
 ; Sequence 173, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 173:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-752-983-173
Query Match
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GTTGAGGAAATGATGATAA 1453
DB 20 GTTGAGGAAATGATGATAA 1

RESULT 407
US-09-752-983-174/c
; Sequence 174, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-752-983-174
Query Match
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1439 GGAAATGATGATAAAATTA 1458
DB 20 GGAAATGATGATAAAATTA 1

RESULT 408
US-09-752-983-175/c
; Sequence 175, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 175:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-752-983-175
Query Match
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1449 GATAAAATTACACAAGCTTC 1468
DB 20 GATAAAATTACACAAGCTTC 1

RESULT 409
US-09-752-983-176/c
; Sequence 176, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

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; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 173:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-752-983-173
Query Match
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GTTGAGGAAATGATGATAA 1453
DB 20 GTTGAGGAAATGATGATAA 1

RESULT 407
US-09-752-983-174/c
; Sequence 174, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-752-983-174
Query Match
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1439 GGAAATGATGATAAAATTA 1458
DB 20 GGAAATGATGATAAAATTA 1

RESULT 408
US-09-752-983-175/c
; Sequence 175, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 175:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-752-983-175
Query Match
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1449 GATAAAATTACACAAGCTTC 1468
DB 20 GATAAAATTACACAAGCTTC 1

RESULT 409
US-09-752-983-176/c
; Sequence 176, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```



```
/
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 176:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-176

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1456 TTACACAAGCTTCACAATCA 1475
Db 20 TTACACAAGCTTCACAATCA 1

RESULT 410
US-09-752-983-177/c
/ Sequence 177, Application US/09752983
/ Patent No. US20010016575A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 178:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-178

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
/
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 177:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-177

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1466 TTCACAATCACAGAAGTG 1485
Db 20 TTCACAATCACAGAAGTG 1

RESULT 411
US-09-752-983-178/c
/ Sequence 178, Application US/09752983
/ Patent No. US20010016575A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 178:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-178

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1481 AAGTGAAGACTATTCTCAGC 1500
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 Db 20 AAGTGAAGACTATTCTCAGC 1

RESULT 412

US-09-752-983-179/c
 ; Sequence 179, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:

;; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 179:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-179

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1489 ACTATTCTCAGCCATCAACT 1508
 |||||
 Db 20 ACTATTCTCAGCCATCAACT 1

RESULT 413

US-09-752-983-180/c
 ; Sequence 180, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

;; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 180:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-180

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1499 GCCATCAACTTCTAGTAGCA 1518
 |||||
 Db 20 GCCATCAACTTCTAGTAGCA 1

RESULT 414

US-09-752-983-181/c
 ; Sequence 181, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 181:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-181

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1506 ACTTCTAGTAGCATTATTTA 1525
Db 20 ACTTCTAGTAGCATTATTTA 1

```

```

RESULT 415
US-09-752-983-182/c

```

```

; Sequence 182, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 182:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-182

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy 1517 CATTATTTATAGCAGCCAAAG 1536
Db 20 CATTATTTATAGCAGCCAAAG 1

```

```

RESULT 416
US-09-752-983-183/c
; Sequence 183, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454

```

```

; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-183

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1522 TTTATAGCAGCCAAAGAT 1541
Db 20 TTTATAGCAGCCAAAGAT 1

```

```

RESULT 417
US-09-752-983-184/c
; Sequence 184, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 184:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-184

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1533 CAAGAAGATGTGAAGAGTT 1552
|||||
DB 20 CAAGAAGATGTGAAGAGTT 1

RESULT 418
US-09-752-983-185/c
Sequence 185, Application US/09/52983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 185:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-185

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1541 TGTGAAGAGTTTGAAGGG 1560
|||||
DB 20 TGTGAAGAGTTTGAAGGG 1

RESULT 419
US-09-752-983-186/c
Sequence 186, Application US/09/52983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 186:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-186

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1550 GTTGAAGGGAAGAACCC 1569
|||||
DB 20 GTTGAAGGGAAGAACCC 1

RESULT 420

```

US-09-752-983-187/c
; Sequence 187, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-187

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1560 GAAGAAACCCCAAGACAAAGA 1579
DB 20 GAAGAAACCCCAAGACAAAGA 1

```

```

RESULT 421
US-09-752-983-188/c
; Sequence 188, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC

```

```

; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-188

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1566 ACCCAAGACAAAGAGAGAG 1585
DB 20 ACCCAAGACAAAGAGAGAG 1

```

```

RESULT 422
US-09-752-983-189/c
; Sequence 189, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 189:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

```

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-189

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1580 AGAGAGTGTGAATCTAGTT 1599
DB 20 AGAGAGTGTGAATCTAGTT 1

RESULT 423
US-09-752-983-190/c
; Sequence 190, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 191:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-191

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1617 GAACCTTGTTGATTGTCA 1636
DB 20 GAACCTTGTTGATTGTCA 1

RESULT 425
US-09-752-983-192/c
; Sequence 192, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-192

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1624 GTGTGATTTCTCAAGGTGCGA 1643
| | | | | | | | | | | | | | | | | |
Db 20 GTGTGATTTCTCAAGGTGCGA 1

```

```

RESULT 426
US-09-752-983-193/c
; Sequence 193, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 193:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

```

```

; ANTI-SENSE: Yes
; US-09-752-983-193
;
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1648 AAAATGGTTGCATTGTCCAT 1667
| | | | | | | | | | | | | | | | | |
Db 20 AAAATGGTTGCATTGTCCAT 1

```

```

RESULT 427
US-09-752-983-194/c
; Sequence 194, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 194:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-194

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1657 GCATTGTCCATGCAAAACA 1676
| | | | | | | | | | | | | | | | | |
Db 20 GCATTGTCCATGCAAAACA 1

```

```

RESULT 428
US-09-752-983-195/c
; Sequence 195, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

;; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
;;
;; TITLE OF INVENTION: EXPRESSION
;;
;; NUMBER OF SEQUENCES: 271
;;
;; CORRESPONDENCE ADDRESS:
;;
;; ADDRESSEE: Law Offices of Jane Massey Licata
;; STREET: 66 East Main Street
;; CITY: Marlton
;; STATE: NJ
;; COUNTRY: U.S.A.
;; ZIP: 08053
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;;
;; COMPUTER: IBM PC
;; OPERATING SYSTEM: WINDOWS 95
;; SOFTWARE: WORDPERFECT 6.0
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/752,983
;; FILING DATE: 02-Jan-2001
;;
;; CLASSIFICATION:
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 195:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;;
US-09-752-983-195

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;

QY 1667 TGGCAAAACAGGACATCTTA 1686
|||||
Db 20 TGGCAAAACAGGACATCTTA 1

RESULT 429
US-09-752-983-196/c
; Sequence 196, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 196:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;;
US-09-752-983-196

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;

QY 1675 CAGGACATCTTATGGCCTGC 1694
|||||
Db 20 CAGGACATCTTATGGCCTGC 1

RESULT 430
US-09-752-983-197/c
; Sequence 197, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;;
US-09-752-983-197


```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1684 TTATGGCTGCTTTACATGT 1703
    |||||
Db 20 TTATGGCTGCTTTACATGT 1

```

RESULT 431

```

US-09-752-983-198/c
; Sequence 198, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 198:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-198

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY 1690 CCTGCTTTACATGTGCAAG 1709
    |||||
Db 20 CCTGCTTTACATGTGCAAG 1

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RESULT 432

```

US-09-752-983-199/c
; Sequence 199, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271

```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 199:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-199

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 GTGCAAGAAGCTTAAGAAA 1721
    |||||
Db 20 GTGCAAGAAGCTTAAGAAA 1

RESULT 433
US-09-752-983-200/c
; Sequence 200, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 199:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-199

```

ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 200:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-200

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1710 AAGCTAAGAAAGGAATAA 1729
 Db 20 AAGCTAAGAAAGGAATAA 1

RESULT 434
 US-09-752-983-201/c
 Sequence 201, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 201:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-201

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1720 AAAGGAATAGCCCTGCCCA 1739
 Db 20 AAAGGAATAGCCCTGCCCA 1

RESULT 435
 US-09-752-983-202/c
 Sequence 202, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 202:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-202

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1726 ATAAGCCCTGCCCAGTATGT 1745
 Db 20 ATAAGCCCTGCCCAGTATGT 1

RESULT 436
 US-09-752-983-203/c
 Sequence 203, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street

```

; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-203

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1736 CCCAGTATGTAGACAA 1755
DB 20 CCCAGTATGTAGACAA 1

```

```

RESULT 437
US-09-752-983-204/c
; Sequence 204, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257

```

```

; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 204:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-204

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1745 TAGACAACCAATTCAAATGA 1764
DB 20 TAGACAACCAATTCAAATGA 1

```

```

RESULT 438
US-09-752-983-205/c
; Sequence 205, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 205:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-205

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1757 TCAAATGATTGTGCTAACTT 1776

```

Db 20 TCAAAATGATTGTCTAACTT 1

RESULT 439

US-09-752-983-206/c
; Sequence 206, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 206:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-206

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1787 GTTGACCTGTCTATAAGAGA 1806

Db 20 GTTGACCTGTCTATAAGAGA 1

RESULT 440

US-09-752-983-207/c
; Sequence 207, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.

ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 207:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-207

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1798 TATAAGAGAATTATATATT 1817

Db 20 TATAAGAGAATTATATATT 1

RESULT 441

US-09-752-983-208/c
; Sequence 208, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515

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; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 208:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-208

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1804 AGAATTATATATTTCTAACT 1823
|||||
Db 20 AGAATTATATATTTCTAACT 1

RESULT 442
US-09-752-983-209/c
; Sequence 209, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-210

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1816 TTCTAACTATATTAACCCCTAG 1835
|||||
Db 20 TTCTAACTATATTAACCCCTAG 1

RESULT 444
US-09-752-983-211/c
; Sequence 211, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 209:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-209

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1808 TTATATATTTCTAACTATAT 1827
|||||
Db 20 TTATATATTTCTAACTATAT 1

```

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RESULT 443
US-09-752-983-210/c
; Sequence 210, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-210

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1816 TTCTAACTATATTAACCCCTAG 1835
|||||
Db 20 TTCTAACTATATTAACCCCTAG 1

RESULT 444
US-09-752-983-211/c
; Sequence 211, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-210

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;
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 211:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-211

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1823 TATATAACCTAGGAATTTA 1842
Db 20 TATATAACCTAGGAATTTA 1
```

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RESULT 445
US-09-752-983-212/c
; Sequence 212, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 212:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-212
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```
;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-212

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1832 CTAGGAATTTAGACAACCTG 1851
Db 20 CTAGGAATTTAGACAACCTG 1

RESULT 446
US-09-752-983-213/c
; Sequence 213, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 213:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-213

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1840 TTAGACAACCTGAAATTAT 1859
Db 20 TTAGACAACCTGAAATTAT 1

RESULT 447
US-09-752-983-214/c
; Sequence 214, Application US/09752983
```

Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1454
TELEFAX: 609-810-1515
INFORMATION FOR SEQ ID NO: 214:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-214

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1850 TGAATTTATTCACATATAT 1869
Db TTTATTTATTCACATATAT 1

RESULT 448
US-09-752-983-215/c
Sequence 215, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 215:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-215

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1855 TTTATTCACATATATCAAG 1874
Db TTTATTCACATATATCAAG 1

RESULT 449
US-09-752-983-216/c
Sequence 216, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 216:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-216

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1865 TATATCAAAAGTGAGAAATG 1884
DB 20 TATATCAAAAGTGAGAAATG 1

RESULT 450
US-09-752-983-217/c
; Sequence 217, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 217:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-218

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1883 TGCCTCAATTCACATAGATT 1902
DB 20 TGCCTCAATTCACATAGATT 1

RESULT 452
US-09-752-983-219/c
; Sequence 219, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 217:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-217

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1872 AAGTGAGAAATGCCTCAAT 1891
DB 20 AAGTGAGAAATGCCTCAAT 1

RESULT 451
US-09-752-983-218/c
; Sequence 218, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```



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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 219:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-219

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1889 AATTCACATAGATTCTTCT 1908
Db 20 AATTCACATAGATTCTTCT 1

RESULT 453
US-09-752-983-220/c
; Sequence 220, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-220

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1895 TTCTCTTTAGTATATTGAC 1924
Db 20 TTCTCTTTAGTATATTGAC 1

RESULT 455
US-09-752-983-222/c
; Sequence 222, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-222

```

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1898 AGATTTCTTCTTTAGTAT 1917
Db 20 AGATTTCTTCTTTAGTAT 1

RESULT 454
US-09-752-983-221/c
; Sequence 221, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-221

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1905 TTCTCTTTAGTATATTGAC 1924
Db 20 TTCTCTTTAGTATATTGAC 1

RESULT 455
US-09-752-983-222/c
; Sequence 222, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-222

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;
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-222

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1908 TCTTTAGTATAATTGACCTA 1927
Db 20 TCTTTAGTATAATTGACCTA 1

RESULT 456
US-09-752-983-223/c
; Sequence 223, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-224
```

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;
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 223:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-223

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1913 AGTATAATTGACCTACTTTG 1932
Db 20 AGTATAATTGACCTACTTTG 1

RESULT 457
US-09-752-983-224/c
; Sequence 224, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-224

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1920 TTGACCTACTTTGGTAGTGG 1939
 |||||
 Db 20 TTGACCTACTTTGGTAGTGG 1

RESULT 458

US-09-752-983-225/c
 ; Sequence 225, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 225:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-225

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1933 GTAGTGAATAGTGAATACT 1952
 |||||
 Db 20 GTAGTGAATAGTGAATACT 1

RESULT 459

US-09-752-983-226/c
 ; Sequence 226, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 226:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-226

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1940 AATAGTGAATACTTACTATA 1959
 |||||
 Db 20 AATAGTGAATACTTACTATA 1

RESULT 460

US-09-752-983-227/c
 ; Sequence 227, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey

/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 227:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
US-09-752-983-227

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1948 ATACTTACTATAATTTGACT 1967
|||||
Db 20 ATACTTACTATAATTTGACT 1

RESULT 461

US-09-752-983-228/c
/ Sequence 228, Application US/09752983
/ Patent No. US20010016575A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053

/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 228:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
US-09-752-983-228

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1956 TATAATTTGACTTGAATATG 1975

Db 20 TATAATTTGACTTGAATATG 1
|||||

RESULT 462

US-09-752-983-229/c
/ Sequence 229, Application US/09752983
/ Patent No. US20010016575A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053

/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 229:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
US-09-752-983-229

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1969 GAATATGTAGCTCATCTTT 1988
|||||

Db 20 GAATATGTAGCTCATCTTT 1

RESULT 463

US-09-752-983-230/c
/ Sequence 230, Application US/09752983
/ Patent No. US20010016575A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ

```
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 230:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-230

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1973 ATGTAGCTCATCCTTTACAC 1992
Db 20 ATGTAGCTCATCCTTTACAC 1

RESULT 464
US-09-752-983-231/c
; Sequence 231, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-232
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; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 231:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-231

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1982 ATCCTTTACCAACTCCTTA 2001
Db 20 ATCCTTTACCAACTCCTTA 1

RESULT 465
US-09-752-983-232/c
; Sequence 232, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-232

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCCTTAATTTTAAA 2009
Db 20 CACCAACTCCTTAATTTTAAA 1
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RESULT 466
 US-09-752-983-233/c
 ; Sequence 233, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 233:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-233

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1997 TCCTAATTTTAAATAATTC 2016
 Db 20 TCCTAATTTTAAATAATTC 1

RESULT 467
 US-09-752-983-234/c
 ; Sequence 234, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 234:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-234

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2004 TTTAAATAATTTCTACTCTG 2023
 Db 20 TTTAAATAATTTCTACTCTG 1

RESULT 468
 US-09-752-983-235/c
 ; Sequence 235, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 235:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-235

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```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2015 TCTACTCTCTTAATGAG 2034
Db 20 TCTACTCTCTTAATGAG 1

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RESULT 469

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US-09-752-983-236/c
; Sequence 236, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

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; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-237

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2020 TCTGTCTTAATGAGAAGTA 2039
Db 20 TCTGTCTTAATGAGAAGTA 1

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RESULT 470

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US-09-752-983-237/c

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; Sequence 237, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 237:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-237

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```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2051 TTTTCTTAATATGTATATG 2070
Db 20 TTTTCTTAATATGTATATG 1

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RESULT 471

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US-09-752-983-238/c
; Sequence 238, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

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; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 238:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-238

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2059 AATATGTATATGACATTTAA 2078
Db 20 AATATGTATATGACATTTAA 1

RESULT 472
US-09-752-983-239/c
; Sequence 239, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 240:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-240

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2103 ACCGAGCTCTTGCTCTGTAC 2122
Db 20 ACCGAGCTCTTGCTCTGTAC 1

RESULT 474
US-09-752-983-241/c
; Sequence 241, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
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```
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-239

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2072 CATTAAATGTAACATTATTA 2091
Db 20 CATTAAATGTAACATTATTA 1

RESULT 473
US-09-752-983-240/c
; Sequence 240, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 240:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-240

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2103 ACCGAGCTCTTGCTCTGTAC 2122
Db 20 ACCGAGCTCTTGCTCTGTAC 1

RESULT 474
US-09-752-983-241/c
; Sequence 241, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
```



```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 241:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-241

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2111 TTGCTCTGTTACCCAGGCTG 2130
Db 20 TTGCTCTGTTACCCAGGCTG 1

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```

RESULT 475
US-09-752-983-242/c
; Sequence 242, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-243

```

```

; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 242:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-242

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
Db 20 CTGTTACCCAGGCTGGAGTG 1

RESULT 476
US-09-752-983-243/c
; Sequence 243, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-243

```

US-09-752-983-243

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGCAGTGGG 2142
 |||||
 Db 20 CCAGGCTGGAGTGCAGTGGG 1

RESULT 477

US-09-752-983-244/c
 ; Sequence 244, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 244:

SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-243

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2133 GTGCAGTGGGTGATCTTGGC 2152
 |||||
 Db 20 GTGCAGTGGGTGATCTTGGC 1

RESULT 478

US-09-752-983-245/c
 ; Sequence 245, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 245:

SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-245

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2140 GGGTGATCTTGCTCACTGC 2159
 |||||
 Db 20 GGGTGATCTTGCTCACTGC 1

RESULT 479

US-09-752-983-246/c
 ; Sequence 246, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 246:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-246

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2146 TCTTGGCTCACTGCAAGCTC 2165
Db 20 TCTTGGCTCACTGCAAGCTC 1

```

RESULT 480

```

US-09-752-983-247/c
; Sequence 247, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 247:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-247

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;

```

```

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2153 TCACTGCAAGCTCTGCCCTC 2172
Db 20 TCACTGCAAGCTCTGCCCTC 1

```

RESULT 481

```

US-09-752-983-248/c
; Sequence 248, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454

```

```

; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-248

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2176 GGGTTGCGCACCATTCTCTCG 2195
Db 20 GGGTTGCGCACCATTCTCTCG 1

```

RESULT 482

```

US-09-752-983-249/c
; Sequence 249, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESS: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 249:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-249

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2185 CCATTCTCTGCTCAGCCT 2204
Db 20 CCATTCTCTGCTCAGCCT 1

```

```

RESULT 483
US-09-752-983-250/c
; Sequence 250, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 250:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-250

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2191 TCCTGCCTCAGCCTCCCAAT 2210
Db 20 TCCTGCCTCAGCCTCCCAAT 1

```

```

RESULT 484
US-09-752-983-251/c
; Sequence 251, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 251:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-251

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 2198 TCAGCCTCCCAATTAGCTTG 2217
 Db 20 TCAGCCTCCCAATTAGCTTG 1

RESULT 485

US-09-752-983-252/c
 ; Sequence 252, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 252:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-252

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2202 CCTCCCAATTAGCTTGCGCT 2221
 Db 20 CCTCCCAATTAGCTTGCGCT 1

RESULT 486

US-09-752-983-253/c
 ; Sequence 253, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 253:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-253

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2210 TTAGCTTGCGCTACAGTCAT 2229
 Db 20 TTAGCTTGCGCTACAGTCAT 1

RESULT 487

US-09-752-983-254/c
 ; Sequence 254, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 254:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-254

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2213 GCTTGGCTACAGTCATCTG 2232
|||||
Db 20 GCTTGGCTACAGTCATCTG 1

RESULT 488
US-09-752-983-255/c
Sequence 255, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 255:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-255

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2218 GCCTACAGTCATCTGCCACC 2237
|||||
Db 20 GCCTACAGTCATCTGCCACC 1

RESULT 489
US-09-752-983-256/c
Sequence 256, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 256:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-256

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2232 GCCACCACCTGGCTAATT 2251
|||||
Db 20 GCCACCACCTGGCTAATT 1

RESULT 490
US-09-752-983-257/c
Sequence 257, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 257:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-257

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2253 TTTGTACTTTTAGTAGAGAC 2272
      |||||||
Db 20 TTTGTACTTTTAGTAGAGAC 1

RESULT 491
US-09-752-983-258/c
; Sequence 258, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 259:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-259

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTTTAGCCA 2293
      |||||||
Db 20 GGGTTTCACCGTTTAGCCA 1

RESULT 493
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;
; INFORMATION FOR SEQ ID NO: 258:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-258

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2265 GTAGACACAGGGTTTCACCG 2284
      |||||||
Db 20 GTAGACACAGGGTTTCACCG 1

RESULT 492
US-09-752-983-259/c
; Sequence 259, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 259:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-259

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTTTAGCCA 2293
      |||||||
Db 20 GGGTTTCACCGTTTAGCCA 1

RESULT 493
```

```

US-09-752-983-260/c
; Sequence 260, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 261:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-261
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTC 2309
Db 20 GCCAGGATGGTCTCGATCTC 1

RESULT 495
US-09-752-983-262/c
; Sequence 262, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; US-09-752-983-262

QY 2283 CGTGTAGCCAGGATGGTCT 2302
Db 20 CGTGTAGCCAGGATGGTCT 1

RESULT 494
US-09-752-983-261/c
; Sequence 261, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC

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; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-262

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2298 GGTCTCGATCTCGTACCTC 2317
DB 20 GGTCTCGATCTCGTACCTC 1

```

RESULT 496

```

US-09-752-983-263/c
; Sequence 263, Application US/09752983
; Patent No. US20010016575A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 263:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-263

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2307 CTCCTGACCTCGTGATCCG 2326
DB 20 CTCCTGACCTCGTGATCCG 1

```

RESULT 497

```

US-09-752-983-264/c
; Sequence 264, Application US/09752983
; Patent No. US20010016575A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 264:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-264

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 2319 TGATCGCCACCTCGGCT 2338
DB 20 TGATCGCCACCTCGGCT 1

```

RESULT 498

```

US-09-752-983-265/c
; Sequence 265, Application US/09752983
; Patent No. US20010016575A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:

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/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 265:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-265

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2325 GCCACCTCGGCTCCCAAA 2344
Db 20 GCCACCTCGGCTCCCAAA 1

RESULT 499
US-09-752-983-266/c
; Sequence 266, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 266:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
```

```
/ ANTI-SENSE: Yes
/ US-09-752-983-266

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTCTGGGA 2353
Db 20 GGCTCCCAAGTCTGGGA 1

RESULT 500
US-09-752-983-267/c
; Sequence 267, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 267:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
/ US-09-752-983-267

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAGG 2360
Db 20 CAAAGTCTGGGATTACAGG 1

RESULT 501
US-09-752-983-268/c
; Sequence 268, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
```

;; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
;; TITLE OF INVENTION: EXPRESSION
;; NUMBER OF SEQUENCES: 271
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Law Offices of Jane Massey Licata
;; STREET: 66 East Main Street
;; CITY: Marlton
;; STATE: NJ
;; COUNTRY: U.S.A.
;; ZIP: 08053
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;; COMPUTER: IBM PC
;; OPERATING SYSTEM: WINDOWS 95
;; SOFTWARE: WORDPERFECT 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/752,983
;; FILING DATE: 02-Jan-2001
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 268:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;; US-09-752-983-268

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
Db 20 GGATTACAGCATGAGCCAC 1

RESULT 502

US-09-799-848-24/c
; Sequence 24, Application US/09/799,848
; Patent No. US2001004145A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett
; APPLICANT: Cook, Phillip
; APPLICANT: Crooke, Stanley
; APPLICANT: Wu, Hongjiang
; APPLICANT: Lima, Walter
; TITLE OF INVENTION: METHODS OF USING MAMMALIAN RNASE H AND COMPOSITIONS THEREOF
; FILE REFERENCE: ISPH-0521
; CURRENT APPLICATION NUMBER: US/09/799,848
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: US 09/343,809
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: US 09/684,254
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: US 09/203,716
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: US 60/067,458
; PRIOR FILING DATE: 1997-12-04
; PRIOR APPLICATION NUMBER: US 09/453,514
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 09/144,611
; PRIOR FILING DATE: 1998-08-31

;; PRIOR APPLICATION NUMBER: US 08/861,306
;; PRIOR FILING DATE: 1997-04-21
;; PRIOR APPLICATION NUMBER: US 08/244,993
;; PRIOR FILING DATE: 1994-06-21
;; PRIOR APPLICATION NUMBER: US 07/814,961
;; PRIOR FILING DATE: 1991-12-24
;; PRIOR APPLICATION NUMBER: US 09/462,280
;; PRIOR FILING DATE: 2000-03-01
;; PRIOR APPLICATION NUMBER: PCT/US98/13966
;; PRIOR FILING DATE: 1998-07-06
;; PRIOR APPLICATION NUMBER: US 08/889,296
;; PRIOR FILING DATE: 1997-07-08
;; PRIOR APPLICATION NUMBER: US 08/411,734
;; PRIOR FILING DATE: 1995-04-03
;; PRIOR APPLICATION NUMBER: US 08/007,996
;; PRIOR FILING DATE: 1993-10-21
;; NUMBER OF SEQ ID NOS: 26
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 24
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; US-09-799-848-24

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTACATGTGCAAGAAGCT 1714
Db 20 TTACATGTGCAAGAAGCT 1

RESULT 503

US-09-956-279-3/c
; Sequence 3, Application US/09956279
; Publication No. US20020086422A1
; GENERAL INFORMATION:
; APPLICANT: Weissman, Irving L.
; APPLICANT: Traver, David Jeffrey
; APPLICANT: Akashi, Koichi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
; FILE REFERENCE: STAN126CIP
; CURRENT APPLICATION NUMBER: US/09/956,279
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/607,529
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-956-279-3

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGCTGGGATTACAGGCAT 1

RESULT 504

US-09-851-771A-3/c
; Sequence 3, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

;      Graham, Brett P. Monia
;      TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;      MODULATION OF HUMAN MDM2 EXPRESSION
;      NUMBER OF SEQUENCES: 32
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Law Offices of Jane Massey Licata
;      STREET: 66 East Main Street
;      CITY: Marlton
;      STATE: NJ
;      COUNTRY: U.S.A.
;      ZIP: 08053
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;      COMPUTER: IBM 486
;      OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
;      SOFTWARE: WORDPERFECT 5.1
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/851,771A
;      FILING DATE: 09-May-2001
;      CLASSIFICATION: <Unknown>
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 09/048,810
;      FILING DATE: 1998-03-26
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Licata, Jane Massey
;      REGISTRATION NUMBER: 32,257
;      REFERENCE/DOCKET NUMBER: ISPH-0302
;      TELEPHONE: 609-779-2400
;      TELEFAX: 609-810-1454
;      INFORMATION FOR SEQ ID NO: 3:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 20 base pairs
;      TYPE: Nucleic Acid
;      STRANDEDNESS: Single
;      TOPOLOGY: Linear
;      ANTI-SENSE: Yes
;      SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-851-771A-3
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GCACCGCGGAGCTTGGCTG 20
Db      20 GCACCGCGGAGCTTGGCTG 1

RESULT 505
US-09-851-771A-4/c
; Sequence 4, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-851-771A-5
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GCACCGCGGAGCTTGGCTG 20
Db      20 GCACCGCGGAGCTTGGCTG 1

RESULT 505
US-09-851-771A-4/c
; Sequence 4, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-851-771A-5

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;      FILING DATE: 09-May-2001
;      CLASSIFICATION: <Unknown>
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 09/048,810
;      FILING DATE: 1998-03-26
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Licata, Jane Massey
;      REGISTRATION NUMBER: 32,257
;      REFERENCE/DOCKET NUMBER: ISPH-0302
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: 609-779-2400
;      TELEFAX: 609-810-1454
;      INFORMATION FOR SEQ ID NO: 4:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 20 base pairs
;      TYPE: Nucleic Acid
;      STRANDEDNESS: Single
;      TOPOLOGY: Linear
;      ANTI-SENSE: Yes
;      SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-851-771A-4
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      37 GGCCCTGTGTGTCGGAAGA 56
Db      20 GGCCCTGTGTGTCGGAAGA 1

RESULT 506
US-09-851-771A-5/c
; Sequence 5, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-851-771A-5

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;
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-851-771A-5
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 95 CTCTGACCGAGATCCTGCTG 114
    |||||
Db 20 CTCTGACCGAGATCCTGCTG 1

RESULT 507
US-09-851-771A-6/c
; Sequence 6, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-851-771A-7
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 181 GAGAGTGGATGATCCCCGA 200
    |||||
Db 20 GAGAGTGGATGATCCCCGA 1

RESULT 509
US-09-851-771A-8/c
; Sequence 8, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-851-771A-6
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 147 ATTAGTCGTACGAGCGCCC 166
    |||||
Db 20 ATTAGTCGTACGAGCGCCC 1

RESULT 508
US-09-851-771A-7/c
; Sequence 7, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
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/ APPLICATION NUMBER: US/09/851,771A
/ FILING DATE: 09-May-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-851-771A-8

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 CTCCAAGCGCGAAACCCG 292
Db 20 CTCCAAGCGCGAAACCCG 1

RESULT 510
US-09-851-771A-9/c
/ Sequence 9, Application US/09851771A
/ Patent No. US2002015151A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/ MODULATION OF HUMAN MDM2 EXPRESSION
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
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/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-851-771A-9

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 295 TGGTGAGGAGCAGGCAATG 314
Db 20 TGGTGAGGAGCAGGCAATG 1

RESULT 511
US-09-851-771A-10/c
/ Sequence 10, Application US/09851771A
/ Patent No. US2002015151A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/ MODULATION OF HUMAN MDM2 EXPRESSION
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/851,771A
/ FILING DATE: 09-May-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-851-771A-10

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 303 AGCAGGCAATGTGCAATAC 322
Db 20 AGCAGGCAATGTGCAATAC 1

RESULT 512
US-09-851-771A-11/c
/ Sequence 11, Application US/09851771A
/ Patent No. US2002015151A1
```

```
/
/
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/           Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/           MODULATION OF HUMAN MDM2 EXPRESSION
/
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/851,771A
/ FILING DATE: 09-May-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-851-771A-11

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 331 CTGTACTACTGATGGTCT 350
Db 20 CTGTACTACTGATGGTCT 1

RESULT 513
US-09-851-771A-12/C
/ Sequence 12, Application US/09851771A
/ Patent No. US200201511A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/           Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/           MODULATION OF HUMAN MDM2 EXPRESSION
/
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/851,771A
/ FILING DATE: 09-May-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-851-771A-11
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/
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/851,771A
/ FILING DATE: 09-May-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-851-771A-12

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 GATCTACAGCAACTTGGTAG 636
Db 20 GATCTACAGCAACTTGGTAG 1

RESULT 514
US-09-851-771A-13/C
/ Sequence 13, Application US/09851771A
/ Patent No. US200201511A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/           Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/           MODULATION OF HUMAN MDM2 EXPRESSION
/
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/851,771A
/ FILING DATE: 09-May-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
```

```
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-851-771A-13

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 AGGTGAGAAATTGAAGTTGA 1066
Db 20 AGGTGAGAAATTGAAGTTGA 1

RESULT 515
US-09-851-771A-14/c
; Sequence 14, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-851-771A-15

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTGCAAGAAGCT 1

RESULT 517
US-09-851-771A-16/c
; Sequence 16, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-851-771A-14

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1381 TTGATGTTCCCTGATTGAAA 1400
Db 20 TTGATGTTCCCTGATTGAAA 1

RESULT 516
US-09-851-771A-15/c
; Sequence 15, Application US/09851771A
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;
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-851-771A-16
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCTAGTGACCTG 1795
Db 20 TATTTCCTAGTGACCTG 1

RESULT 518
US-09-851-771A-17/c
; Sequence 17, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-851-771A-17
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCCCTAGGA 1837
Db 20 CTAACCTATATACCCCTAGGA 1

RESULT 520
US-09-851-771A-19/c
;
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-851-771A-17
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1785 TAGTGCACCTGCTATAAGA 1804
Db 20 TAGTGCACCTGCTATAAGA 1

RESULT 519
US-09-851-771A-18/c
; Sequence 18, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-851-771A-18
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCCCTAGGA 1837
Db 20 CTAACCTATATACCCCTAGGA 1
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```

; Sequence 19, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-851-771A-19

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1934 TAGTGGAAATAGTGAATCTT 1953
Db 20 TAGTGGAAATAGTGAATCTT 1

RESULT 521
US-09-851-771A-20/c
; Sequence 20, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486

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; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-851-771A-20

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2132 AGTGCAGTGGTGATCTTGG 2151
Db 20 AGTGCAGTGGTGATCTTGG 1

RESULT 522
US-09-851-771A-21/c
; Sequence 21, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:

```

;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-851-771A-21

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2224 AGTCATCTGCCACACACCT 2243
Db 20 AGTCATCTGCCACACACCT 1

RESULT 523

US-09-851-771A-22/c
; Sequence 22, Application US/09851771A
; Patent No. US2002015111A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26

ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-851-771A-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2256 GTACTTTTAGTAGACAGG 2275
Db 20 GTACTTTTAGTAGACAGG 1

RESULT 524

US-09-851-771A-25/c
; Sequence 25, Application US/09851771A
; Patent No. US2002015111A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26

ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-851-771A-25

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 37 GGCCCTGTGTGTCGGAAGA 56
Db 20 GGCCCTGTGTGTCGGAAGA 1

RESULT 525

US-09-949-474-2/c
; Sequence 2, Application US/09949474
; Patent No. US20020156235A1
; GENERAL INFORMATION:
; APPLICANT: Guzaev, Andrei P.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Process for Preparing Peptide Derivatized Oligomeric Compounds
; FILE REFERENCE: IS194850
; CURRENT APPLICATION NUMBER: US/09/949,474
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/658,517
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: No. US20020156235A1el Sequence
US-09-949-474-2

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTGCAAGAAGCT 1

RESULT 526
US-09-853-753-4
; Sequence 4, Application US/09853753
; Publication No. US20020182669A1
; GENERAL INFORMATION:
; APPLICANT: Bech-Hansen, Torben
; TITLE OF INVENTION: GPI-Anchored Small Leucine-Rich Proteoglycan Gene NYX
; FILE REFERENCE: 45499-2
; CURRENT APPLICATION NUMBER: US/09/853,753
; CURRENT FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: CA 2,306,241
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: reverse primer for polymorphism 506B13CA (DXS10042)
US-09-853-753-4

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAGTGTGGGATTAC 2357
Db 1 TCCCAAGTGTGGGATTAC 20

RESULT 527
US-09-541-848-2
; Sequence 2, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Antisense oligonucleotide sequence
US-09-541-848-2

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 CCTTGAAGTGTGGGATGATC 714
Db 1 CCTTGAAGTGTGGGATGATC 20

RESULT 529
US-09-541-848-4
; Sequence 4, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Antisense oligonucleotide sequence
US-09-541-848-4

; OTHER INFORMATION: oligonucleotide S4
US-09-541-848-2

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 481 TTGGCCAGTATATATGACT 500
Db 1 TTGGCCAGTATATATGACT 20

RESULT 528
US-09-541-848-3
; Sequence 3, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S5
US-09-541-848-3

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 CCTTGAAGTGTGGGATGATC 714
Db 1 CCTTGAAGTGTGGGATGATC 20

RESULT 529
US-09-541-848-4
; Sequence 4, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Antisense oligonucleotide sequence
US-09-541-848-4
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-541-848-4
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1018 TGGATCAGGATTCAGTTTCA 1037
Db 1 TGGATCAGGATTCAGTTTCA 20

RESULT 530
US-09-541-848-7
; Sequence 7, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S1
US-09-541-848-7
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 357 ACCTCAGATTCAGTTC 376
Db 1 ACCTCAGATTCAGTTC 20

RESULT 531
US-09-541-848-8
; Sequence 8, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
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; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-541-848-8
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 369 CCAGCTTCGGAACAAGAGAC 388
Db 1 CCAGCTTCGGAACAAGAGAC 20

RESULT 532
US-09-541-848-9
; Sequence 9, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S3
US-09-541-848-9
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 780 TCTACCTCATCTAGAAGGAG 799
Db 1 TCTACCTCATCTAGAAGGAG 20

RESULT 533
US-09-541-848-10
; Sequence 10, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
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; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S6
US-09-541-848-10

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1203 TCCTTAGCTGACTATTGGAA 1222
|||||
DB 1 TCCTTAGCTGACTATTGGAA 20

RESULT 534

US-09-541-848-11
; Sequence 11, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S8
US-09-541-848-11

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1230 TCATGCAATGAATGAATCC 1249
|||||
DB 1 TCATGCAATGAATGAATCC 20

RESULT 535

US-09-541-848-13
; Sequence 13, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26

; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S5-1
US-09-541-848-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 669 ACATCTGTGAGTGAGAACAG 688
|||||
DB 1 ACATCTGTGAGTGAGAACAG 20

RESULT 536

US-09-541-848-14
; Sequence 14, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S5-2
US-09-541-848-14

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
|||||
DB 1 GTGAGTGAGAACAGGTGTCA 20

RESULT 537

US-09-541-848-15
; Sequence 15, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848

; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide SS-3
US-09-541-848-15

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 680 TGAGACAGGTGTACCTTG 699
|||||
Db 1 TGAGACAGGTGTACCTTG 20

RESULT 538

US-09-541-848-16
; Sequence 16, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide SS-4
US-09-541-848-16

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 ACAGGTGTACCTTGAGGT 704
|||||
Db 1 ACAGGTGTACCTTGAGGT 20

RESULT 539

US-09-541-848-17
; Sequence 17, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen

; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide SS-5
US-09-541-848-17

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGAGTGATCAAAAGGACC 723
|||||
Db 1 TGGAGTGATCAAAAGGACC 20

RESULT 540

US-09-541-848-18
; Sequence 18, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide SS-6
US-09-541-848-18

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 709 GTGATCAAAAGGACCTTGTA 728
|||||
Db 1 GTGATCAAAAGGACCTTGTA 20

RESULT 541

US-09-541-848-19
; Sequence 19, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:


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RESULT 545
US-09-541-848-24
; Sequence 24, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S7-5
US-09-541-848-24

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 GATCAGTTTAGTGAGAAATT 1057
Db 1 GATCAGTTTAGTGAGAAATT 20

RESULT 546
US-09-541-848-27/c
; Sequence 27, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS4
US-09-541-848-27

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 481 TTGCCCAGTATATATGACT 500

RESULT 547
US-09-541-848-28/c
; Sequence 28, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5
US-09-541-848-28

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 CCTTGAAGGTGGGAGTGATC 714
Db 20 CCTTGAAGGTGGGAGTGATC 1

RESULT 548
US-09-541-848-29/c
; Sequence 29, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7
US-09-541-848-29

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1018 TGGATCAGGATTCAGTTTCA 1037
|||||
Db 20 TGGATCAGGATTCAGTTTCA 1

RESULT 549

US-09-541-848-30/c
; Sequence 30, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS1
US-09-541-848-30

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 357 ACCTCAGATTCAGCTTC 376
|||||
Db 20 ACCTCAGATTCAGCTTC 1

RESULT 550

US-09-541-848-31/c
; Sequence 31, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS2
US-09-541-848-31

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGGAACAAGAGAC 388
|||||
Db 20 CCAGCTTCGGAACAAGAGAC 1

RESULT 551

US-09-541-848-32/c
; Sequence 32, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS3
US-09-541-848-32

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 780 TCTACCTCATCTAGAAGGAG 799
|||||
Db 20 TCTACCTCATCTAGAAGGAG 1

RESULT 552

US-09-541-848-33/c
; Sequence 33, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS4
US-09-541-848-33

```

; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS6
US-09-541-848-33

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1203 TCCTTAGCTGACTATTGGAA 1222
    |||||
Db 20 TCCTTAGCTGACTATTGGAA 1

RESULT 553
US-09-541-848-34/c
; Sequence 34, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS8
US-09-541-848-34

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1230 TCATGCAATGAATGAATCC 1249
    |||||
Db 20 TCATGCAATGAATGAATCC 1

RESULT 554
US-09-541-848-35/c
; Sequence 35, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5
US-09-541-848-35

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 675 GTGAGTGAGAACAGGTGTCA 694
    |||||
Db 20 GTGAGTGAGAACAGGTGTCA 1

RESULT 556
US-09-541-848-37/c
; Sequence 37, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-2
US-09-541-848-36

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 675 GTGAGTGAGAACAGGTGTCA 694
    |||||
Db 20 GTGAGTGAGAACAGGTGTCA 1

RESULT 556
US-09-541-848-37/c
; Sequence 37, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-1
US-09-541-848-35

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 669 ACATCTGTGAGTCAGAACAG 688
    |||||
Db 20 ACATCTGTGAGTCAGAACAG 1

RESULT 555
US-09-541-848-36/c
; Sequence 36, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-1
US-09-541-848-35

```

```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-3
US-09-541-848-37
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 680 TCAGACAGGTGTCACTTGG 699
Db 20 TCAGACAGGTGTCACTTGG 1
```

```
RESULT 557
US-09-541-848-38/c
; Sequence 38, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-4
US-09-541-848-38
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 685 ACAGGTGCACCTTGAAGGT 704
Db 20 ACAGGTGCACCTTGAAGGT 1
```

```
RESULT 558
US-09-541-848-39/c
; Sequence 39, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
```

```
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-5
US-09-541-848-39
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 704 TGGGAGTGATCAAAAGGACC 723
Db 20 TGGGAGTGATCAAAAGGACC 1
```

```
RESULT 559
US-09-541-848-40/c
; Sequence 40, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-6
US-09-541-848-40
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 709 GTGATCAAAAGGACCTTGTA 728
Db 20 GTGATCAAAAGGACCTTGTA 1
```

```
RESULT 560
US-09-541-848-41/c
; Sequence 41, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
```

; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-7
US-09-541-848-41

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 AAGGACCTTGTACAAAGACT 736
|||||
Db 20 AAGGACCTTGTACAAAGACT 1

RESULT 561

US-09-541-848-42/c
; Sequence 42, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7-1
US-09-541-848-42

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 998 TGAACATTCAGGTGATGGT 1017
|||||
Db 20 TGAACATTCAGGTGATGGT 1

RESULT 562

US-09-541-848-43/c
; Sequence 43, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C

; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7-2
US-09-541-848-43

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 ATTCAGTGATGGTTGGAT 1022
|||||
Db 20 ATTCAGTGATGGTTGGAT 1

RESULT 563

US-09-541-848-45/c
; Sequence 45, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7-4
US-09-541-848-45

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1027 ATTCAGTTTCAGATCAGTTT 1046
|||||
Db 20 ATTCAGTTTCAGATCAGTTT 1

RESULT 564

US-09-541-848-46/c
; Sequence 46, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir

; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7-5
US-09-541-848-46

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 GATCAGTTTAGTGTAGATT 1057
Db 20 GATCAGTTTAGTGTAGATT 1

RESULT 565
US-09-541-848-47/c
; Sequence 47, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-2H
US-09-541-848-47

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
Db 20 GTGAGTGAGAACAGGTGTCA 1

RESULT 566
US-09-823-031-3/c
; Sequence 3, Application US/09823031
; Publication No. US20030208061A1

; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Guzaev, Andrei P.
; TITLE OF INVENTION: Labeled Oligonucleotides, Methods For Making Same And Compounds
; FILE REFERENCE: IS184723
; CURRENT APPLICATION NUMBER: US/09/823,031
; CURRENT FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
US-09-823-031-3

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTGCAAGAAGCT 1

RESULT 567
US-10-085-906-302/c
; Sequence 302, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 302
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-302

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAAGTGG 2141
Db 20 CCCAGGCTGGAGTGCAAGTGG 1

RESULT 568
US-10-270-861-27
; Sequence 27, Application US/10270861
; Publication No. US2003007749A1
; GENERAL INFORMATION:
; APPLICANT: Adams, Sean
; APPLICANT: Pan, James
; TITLE OF INVENTION: UCPS
; FILE REFERENCE: P1663R2

```

; CURRENT APPLICATION NUMBER: US/10/270,861
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US/09/433,622
; PRIOR FILING DATE: 1999-11-02
; PRIOR APPLICATION NUMBER: US 60/110,286
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/129,583
; PRIOR FILING DATE: 1999-04-16
; PRIOR APPLICATION NUMBER: US 60/143,886
; PRIOR FILING DATE: 1999-07-15
; NUMBER OF SEQ ID NOS: 36
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: Misc feature
; LOCATION: 1-20
; OTHER INFORMATION: sequence is synthesized
US-10-270-861-27

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2349 TGGGATTACAGGCATGAGCC 2368
      |||||
DB 1 TGGGATTACAGGCATGAGCC 20

```

```

RESULT 569
US-10-251-699-1/c
; Sequence 1, Application US/10251699
; Publication No. US2003009989A1
; GENERAL INFORMATION:
; APPLICANT: CHERIF, Dorra
; TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING
; FILE REFERENCE: GENSET.069AUS
; CURRENT APPLICATION NUMBER: US/10/251,699
; CURRENT FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US/09/418,804
; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: primer PCR Alu
US-10-251-699-1

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2122 CCCAGGCTGAGTGCAGTGG 2141
      |||||
DB 20 CCCAGGCTGAGTGCAGTGG 1

```

```

RESULT 570
US-10-002-623-731/c
; Sequence 731, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212

```

```

; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 731
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-731

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2342 AAAGTCTGGGATTACAGGC 2361
      |||||
DB 20 AAAGTCTGGGATTACAGGC 1

```

```

RESULT 571
US-10-002-623-734/c
; Sequence 734, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 734
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-734

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2342 AAAGTCTGGGATTACAGGC 2361
      |||||
DB 20 AAAGTCTGGGATTACAGGC 1

```

```

RESULT 572
US-10-002-623-894
; Sequence 894, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 894
; LENGTH: 20
; TYPE: DNA

```

ORGANISM: Homo Sapiens
US-10-002-623-894

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAGG 2360
|||||

Db 1 CAAAGTCTGGGATTACAGG 20

RESULT 573

US-10-002-623-897
; Sequence 897, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002.623
; PRIOR FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 897
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-897

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAGG 2360
|||||

Db 1 CAAAGTCTGGGATTACAGG 20

RESULT 574

US-10-002-623-900
; Sequence 900, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002.623
; CURRENT FILING DATE: 2001-11-01
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 900
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-900

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAGG 2360
|||||

Db 1 CAAAGTCTGGGATTACAGG 20

RESULT 575

US-10-289-845-13/c
; Sequence 13, Application US/10289845
; Publication No. US20030170679A1
; GENERAL INFORMATION:
; APPLICANT: Wood, Linda
; APPLICANT: Wagner, Susanne
; APPLICANT: Farodi, Luis
; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
; FILE REFERENCE: 00791.US1
; CURRENT APPLICATION NUMBER: US/10/289,845
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-289-845-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAGTCTGGGATTACAG 2359
|||||

Db 20 CCAAGTCTGGGATTACAG 1

RESULT 576

US-10-331-907-257/c
; Sequence 257, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gernold, David
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997


```
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B. J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 257:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 257:
US-10-331-907-257
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGCTGGGATTACAGGCAT 1
|||||
```

```
RESULT 577
US-10-005-344-3/c
; Sequence 3, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-3
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1 GCACCGCGCGAGCTTGGCTG 20
Db 20 GCACCGCGCGAGCTTGGCTG 1
|||||
```

```
RESULT 578
US-10-005-344-4/c
; Sequence 4, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
```

```
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-4
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 37 GGCCCTGTGTGTCGGAAGA 56
Db 20 GGCCCTGTGTGTCGGAAGA 1
|||||
```

```
RESULT 579
US-10-005-344-5/c
; Sequence 5, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-5
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 95 CTCTGACCGAGATCCTGCTG 114
Db 20 CTCTGACCGAGATCCTGCTG 1
|||||
```

```
RESULT 580
US-10-005-344-6/c
```

; Sequence 6, Application US/10005344
; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; PRIOR FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 6

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-6

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 ATTAGTGGTACGAGCGCCC 166

DB 20 ATTAGTGGTACGAGCGCCC 1

RESULT 581

US-10-005-344-7/c

; Sequence 7, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; PRIOR FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 7

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-7

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 181 GAGAGTGGATGATCCCGA 200

DB 20 GAGAGTGGATGATCCCGA 200

Db 20 GAGAGTGGATGATCCCGA 1

RESULT 582

US-10-005-344-8/c

; Sequence 8, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; PRIOR FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-8

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 CTCCAAGCGCGAAACCCCG 292

DB 20 CTCCAAGCGCGAAACCCCG 1

RESULT 583

US-10-005-344-9/c

; Sequence 9, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; PRIOR FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 9

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-9

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;

```

RESULT 587
US-10-005-344-13/c
; Sequence 13, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1047 AGTGTAGAAATTGAAGTTGA 1066
|||||
Db 20 AGTGTAGAAATTGAAGTTGA 1

RESULT 588
US-10-005-344-14/c
; Sequence 14, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-14

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1381 TTGATGTTCTCGATGTGAAA 1400
|||||
Db 20 TTGATGTTCTCGATGTGAAA 1

RESULT 589
US-10-005-344-15/c
; Sequence 15, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-15

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
|||||
Db 20 TTTACATGTGCAAGAAGCT 1

RESULT 590
US-10-005-344-16/c
; Sequence 16, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-16

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCCTAGTTGACCTG 1795
|||||
Db 20 TATTTCCCTAGTTGACCTG 1

RESULT 591
US-10-005-344-17/c
; Sequence 17, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang

```

; APPLICANT:  Mano Manoharan
; TITLE OF INVENTION:  Antisense Modulation of mdm2 expression.
; FILE REFERENCE:  ISPH-0622
; CURRENT APPLICATION NUMBER:  US/10/005,344
; CURRENT FILING DATE:  2001-12-04
; PRIOR APPLICATION NUMBER:  US 09/048,810
; PRIOR FILING DATE:  1998-03-26
; PRIOR APPLICATION NUMBER:  US 09/280,805
; PRIOR FILING DATE:  1999-03-26
; NUMBER OF SEQ ID NOS:  379
; SOFTWARE:  FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH:  20
; TYPE:  DNA
; ORGANISM:  Artificial Sequence
; FEATURE:
; OTHER INFORMATION:  Antisense Oligonucleotide
US-10-005-344-17

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1785 TACTGACCTGCTCTATAAGA 1804
Db 20 TAGTTGACCTGCTCTATAAGA 1

```

```

RESULT 592
US-10-005-344-18/c
; Sequence 18, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT:  Loren J. Miraglia
; APPLICANT:  Pamela Nero
; APPLICANT:  Mark J. Graham
; APPLICANT:  Brett P. Monia
; APPLICANT:  Erich Koller
; APPLICANT:  Mingyi Chiang
; APPLICANT:  Mano Manoharan
; TITLE OF INVENTION:  Antisense Modulation of mdm2 expression.
; FILE REFERENCE:  ISPH-0622
; CURRENT APPLICATION NUMBER:  US/10/005,344
; CURRENT FILING DATE:  2001-12-04
; PRIOR APPLICATION NUMBER:  US 09/048,810
; PRIOR FILING DATE:  1998-03-26
; PRIOR APPLICATION NUMBER:  US 09/280,805
; PRIOR FILING DATE:  1999-03-26
; NUMBER OF SEQ ID NOS:  379
; SOFTWARE:  FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH:  20
; TYPE:  DNA
; ORGANISM:  Artificial Sequence
; FEATURE:
; OTHER INFORMATION:  Antisense Oligonucleotide
US-10-005-344-18

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1818 CTAACCTATATAACCTAGGA 1837
Db 20 CTAACCTATATAACCTAGGA 1

```

```

RESULT 593
US-10-005-344-19/c
; Sequence 19, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT:  Loren J. Miraglia

```

```

; APPLICANT:  Pamela Nero
; APPLICANT:  Mark J. Graham
; APPLICANT:  Brett P. Monia
; APPLICANT:  Erich Koller
; APPLICANT:  Mingyi Chiang
; APPLICANT:  Mano Manoharan
; TITLE OF INVENTION:  Antisense Modulation of mdm2 expression.
; FILE REFERENCE:  ISPH-0622
; CURRENT APPLICATION NUMBER:  US/10/005,344
; CURRENT FILING DATE:  2001-12-04
; PRIOR APPLICATION NUMBER:  US 09/048,810
; PRIOR FILING DATE:  1998-03-26
; PRIOR APPLICATION NUMBER:  US 09/280,805
; PRIOR FILING DATE:  1999-03-26
; NUMBER OF SEQ ID NOS:  379
; SOFTWARE:  FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH:  20
; TYPE:  DNA
; ORGANISM:  Artificial Sequence
; FEATURE:
; OTHER INFORMATION:  Antisense Oligonucleotide
US-10-005-344-19

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1934 TAGTGAATAGTGAATACTT 1953
Db 20 TAGTGAATAGTGAATACTT 1

```

```

RESULT 594
US-10-005-344-20/c
; Sequence 20, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT:  Loren J. Miraglia
; APPLICANT:  Pamela Nero
; APPLICANT:  Mark J. Graham
; APPLICANT:  Brett P. Monia
; APPLICANT:  Erich Koller
; APPLICANT:  Mingyi Chiang
; APPLICANT:  Mano Manoharan
; TITLE OF INVENTION:  Antisense Modulation of mdm2 expression.
; FILE REFERENCE:  ISPH-0622
; CURRENT APPLICATION NUMBER:  US/10/005,344
; CURRENT FILING DATE:  2001-12-04
; PRIOR APPLICATION NUMBER:  US 09/048,810
; PRIOR FILING DATE:  1998-03-26
; PRIOR APPLICATION NUMBER:  US 09/280,805
; PRIOR FILING DATE:  1999-03-26
; NUMBER OF SEQ ID NOS:  379
; SOFTWARE:  FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH:  20
; TYPE:  DNA
; ORGANISM:  Artificial Sequence
; FEATURE:
; OTHER INFORMATION:  Antisense Oligonucleotide
US-10-005-344-20

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2132 AGTGCACTGGTGATCTTGG 2151
Db 20 AGTGCACTGGTGATCTTGG 1

```

```

RESULT 595

```

US-10-005-344-21/c
 ; Sequence 21, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 21
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-21

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2224 AGTCATCTGCCACACACCT 2243
 DB 20 AGTCATCTGCCACACACCT 1

RESULT 596
 US-10-005-344-22/c
 ; Sequence 22, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 22
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-22

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2256 GTACTTTTAGTAGACAGG 2275

Db 20 GTACTTTTAGTAGACAGG 1

RESULT 597
 US-10-005-344-25/c
 ; Sequence 25, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 25
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-25

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCTGTGTGTGCGGAAGA 56
 DB 20 GGCCTGTGTGTGCGGAAGA 1

RESULT 598
 US-10-005-344-33/c
 ; Sequence 33, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 33
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-33

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CCGCGGAGCTTGGCTGCTT 23
 |||||
 Db 20 CCGCGGAGCTTGGCTGCTT 1

RESULT 599

US-10-005-344-34/c
 ; Sequence 34, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 34
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-34

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 TTGGCTGCTTCTGGGCGCTG 33
 |||||
 Db 20 TTGGCTGCTTCTGGGCGCTG 1

RESULT 600

US-10-005-344-35/c
 ; Sequence 35, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 35
 ; LENGTH: 20
 ; TYPE: DNA

; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-35

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 GCTTCTGGGCGCTGTGTGTC 39
 |||||
 Db 20 GCTTCTGGGCGCTGTGTGTC 1

RESULT 601

US-10-005-344-36/c
 ; Sequence 36, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 36
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-36

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 29 GCCTGTGTGGCCCTGTGTGT 48
 |||||
 Db 20 GCCTGTGTGGCCCTGTGTGT 1

RESULT 602

US-10-005-344-37/c
 ; Sequence 37, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-37

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 34 TGTGGCCCTGTGTGTCGAA 53
|||||
DB 20 TGTGGCCCTGTGTGTCGAA 1

RESULT 603
US-10-005-344-38/c
; Sequence 38, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-38

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 43 GTGTGTCGGAAGATGGAGC 62
|||||
DB 20 GTGTGTCGGAAGATGGAGC 1

RESULT 604
US-10-005-344-39/c
; Sequence 39, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344

; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-39

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 50 GGAAGATGGAGCAAGAC 69
|||||
DB 20 GGAAGATGGAGCAAGAC 1

RESULT 605
US-10-005-344-40/c
; Sequence 40, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-40

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 62 CAAGAAGCCGAGCCCGAGG 81
|||||
DB 20 CAAGAAGCCGAGCCCGAGG 1

RESULT 606
US-10-005-344-41/c
; Sequence 41, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller


```

; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-41

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 70 CGAGCCCGAGGCGGCGCGC 89
Db 20 CGAGCCCGAGGCGGCGCGC 1

```

```

RESULT 607
US-10-005-344-42/c
; Sequence 42, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-42

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
-Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 98 TGACCGAGATCTGCTGCTT 117
Db 20 TGACCGAGATCTGCTGCTT 1

```

```

RESULT 608
US-10-005-344-43/c
; Sequence 43, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-43

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 105 GATCCTGCTGCTTTCGAGC 124
Db 20 GATCCTGCTGCTTTCGAGC 1

```

```

RESULT 609
US-10-005-344-44/c
; Sequence 44, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-44

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 113 TGCTTTTCGAGCGGAGGCA 132
Db 20 TGCTTTTCGAGCGGAGGCA 1

```

RESULT 610
US-10-005-344-45/c
; Sequence 45, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-45

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 120 GCAGCCAGGAGCAGCGTCCC 139
Db 20 GCAGCCAGGAGCAGCGTCCC 1

RESULT 611
US-10-005-344-46/c
; Sequence 46, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-46

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 AGTGGGTACGAGCGCCCACT 169
Db 20 AGTGGGTACGAGCGCCCACT 1

RESULT 612
US-10-005-344-47/c
; Sequence 47, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-47

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 158 CGAGCGCCCACTGCGCTGGC 177
Db 20 CGAGCGCCCACTGCGCTGGC 1

RESULT 613
US-10-005-344-48/c
; Sequence 48, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-48

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 165 CCAGTCCCTGGCCCGAGA 184
Db 20 CCAGTCCCTGGCCCGAGA 1

RESULT 614
US-10-005-344-49/c
; Sequence 49, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-49

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 174 TGGCCCGGAGTGGATGA 193
Db 20 TGGCCCGGAGTGGATGA 1

RESULT 615
US-10-005-344-50/c
; Sequence 50, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-50

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 202 GCCCAGGGCGTGTGCTTCC 221
Db 20 GCCCAGGGCGTGTGCTTCC 1

RESULT 616
US-10-005-344-51/c
; Sequence 51, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-51

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 GCGTCGTGTGCTTCCGAGTA 227
Db 20 GCGTCGTGTGCTTCCGAGTA 1

RESULT 617
US-10-005-344-52/c
; Sequence 52, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-52
```

```
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-52

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 217 CTTCCGCGAGTAGTCAGTCCC 236
Db 20 CTTCCGCGAGTAGTCAGTCCC 1

RESULT 618
US-10-005-344-53/c
; Sequence 53, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-53

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 242 AGGAACTGGGGAGTCTTGA 261
Db 20 AGGAACTGGGGAGTCTTGA 1

RESULT 619
US-10-005-344-54/c
; Sequence 54, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
```

```
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-54

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 289 CCGGATGGTGAGGAGCAGG 308
Db 20 CCGGATGGTGAGGAGCAGG 1

RESULT 620
US-10-005-344-55/c
; Sequence 55, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-55

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 293 GATGGTGAGGAGCAGGCAAA 312
Db 20 GATGGTGAGGAGCAGGCAAA 1

RESULT 621
US-10-005-344-56/c
; Sequence 56, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; FILE REFERENCE: ISPH-0622
```



```
RESULT 625
US-10-005-344-60/c
; Sequence 60, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-60

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 GAGGAGCAGGCAAAATGTGCA 318
Db 20 GAGGAGCAGGCAAAATGTGCA 1

RESULT 626
US-10-005-344-61/c
; Sequence 61, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-61

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 301 GGAGCAGGCAAAATGTGCAAT 320
Db 20 GGAGCAGGCAAAATGTGCAAT 1

RESULT 628
US-10-005-344-63/c
; Sequence 63, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-63

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 300 AGGAGCAGGCAAAATGTGCAA 319
Db 20 AGGAGCAGGCAAAATGTGCAA 1

RESULT 627
US-10-005-344-62/c
; Sequence 62, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-62
```

US-10-005-344-63

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 302 GACGAGCAAAATGTCGAATA 321
Db 20 GACGAGCAAAATGTCGAATA 1

RESULT 629

US-10-005-344-64/c
; Sequence 64, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-64

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 GCAGGCAAAATGTCGAATACC 323
Db 20 GCAGGCAAAATGTCGAATACC 1

RESULT 630

US-10-005-344-65/c
; Sequence 65, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 65

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-65

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 305 CAGGCAAAATGTCGAATACCA 324
Db 20 CAGGCAAAATGTCGAATACCA 1

RESULT 631

US-10-005-344-66/c
; Sequence 66, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-66

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 306 AGGCAAAATGTCGAATACCA 325
Db 20 AGGCAAAATGTCGAATACCA 1

RESULT 632

US-10-005-344-67/c
; Sequence 67, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-67

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 GGCAAAATGTGCAATACCAAC 326
Db 20 GGCAAAATGTGCAATACCAAC 1

RESULT 633
US-10-005-344-68/c
; Sequence 68, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-68

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 308 GCAAAATGTGCAATACCAACA 327
Db 20 GCAAAATGTGCAATACCAACA 1

RESULT 634
US-10-005-344-69/c
; Sequence 69, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-69

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 309 CAAATGTGCAATACCAACAT 328
Db 20 CAAATGTGCAATACCAACAT 1

RESULT 635
US-10-005-344-70/c
; Sequence 70, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-70

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 310 AAATGTGCAATACCAACATG 329
Db 20 AAATGTGCAATACCAACATG 1

RESULT 636
US-10-005-344-71/c
; Sequence 71, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham


```

; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-71

```

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Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 311 AATGTGCAATACCAACATGT 330
      |||||
Db 20 AATGTGCAATACCAACATGT 1

```

```

RESULT 637
US-10-005-344-72/c
; Sequence 72, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-72

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 312 ATGTGCAATACCAACATGTC 331
      |||||
Db 20 ATGTGCAATACCAACATGTC 1

```

```

RESULT 638
US-10-005-344-73/c
; Sequence 73, Application US/10005344

```

```

; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-73

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 313 TGTGCAATACCAACATGTCT 332
      |||||
Db 20 TGTGCAATACCAACATGTCT 1

```

```

RESULT 639
US-10-005-344-74/c
; Sequence 74, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-74

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 314 GTGCAATACCAACATGTCTG 333
      |||||
Db 20 GTGCAATACCAACATGTCTG 1

```



```

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-78

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 361 CACAGATTCAGCTTCGAA 380
Db 20 CACAGATTCAGCTTCGAA 1

RESULT 644
US-10-005-344-79/c
; Sequence 79, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-79

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 372 GCTTCGGAACAGAGACCCCT 391
Db 20 GCTTCGGAACAGAGACCCCT 1

RESULT 645
US-10-005-344-80/c
; Sequence 80, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-81

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 GGTAGACCAAGCCATTGC 411
Db 20 GGTAGACCAAGCCATTGC 1

RESULT 647
US-10-005-344-82/c
; Sequence 82, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-81

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 GGTAGACCAAGCCATTGC 411
Db 20 GGTAGACCAAGCCATTGC 1

RESULT 647
US-10-005-344-82/c
; Sequence 82, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-82

```

```
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-82
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 403 AGCCATTGCTTTTGAAGTTA 422
|||||
Db 20 AGCCATTGCTTTTGAAGTTA 1
```

RESULT 648

```
US-10-005-344-83/c
; Sequence 83, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
```

```
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-83
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 422 ATTAAGTCTGTTGGTGAC 441
|||||
Db 20 ATTAAGTCTGTTGGTGAC 1
```

RESULT 649

```
US-10-005-344-84/c
; Sequence 84, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
```

```
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-84
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 450 ACTTACTATGAAAGAGGT 469
|||||
Db 20 ACTTACTATGAAAGAGGT 1
```

RESULT 650

```
US-10-005-344-85/c
; Sequence 85, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-85
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 477 TATCTGGCCAGTATATTAT 496
|||||
Db 20 TATCTGGCCAGTATATTAT 1
```

RESULT 651

```
US-10-005-344-86/c
; Sequence 86, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
```

```
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingyi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 86
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-86
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 490 ATATTATGACTAAACGATTA 509
Db 20 ATATTATGACTAAACGATTA 1
|||||
```

```
RESULT 652
US-10-005-344-87/c
/ Sequence 87, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingyi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 87
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-87
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 496 TGACTAAACGATTATATGAT 515
Db 20 TGACTAAACGATTATATGAT 1
|||||
```

```
RESULT 653
US-10-005-344-88/c
```

```
/ Sequence 88, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingyi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 88
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-88
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 503 ACGATTATATGATGAGAGC 522
Db 20 ACGATTATATGATGAGAGC 1
|||||
```

```
RESULT 654
US-10-005-344-89/c
/ Sequence 89, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingyi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 89
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-89
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 515 TGAGAGCAACCAACATATTG 534
|||||
```

Db 20 TCAGAAGCAACAACATATTG 1

RESULT 655
US-10-005-344-90/c
; Sequence 90, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-90

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 525 CAACATATTGTATTTGTC 544
|||||

Db 20 CAACATATTGTATTTGTC 1

RESULT 656
US-10-005-344-91/c
; Sequence 91, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-91

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 531 ATTGTATATTGTTCAAATGA 550
|||||

Db 20 ATTGTATATTGTTCAAATGA 1

RESULT 657
US-10-005-344-92/c
; Sequence 92, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-92

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 538 ATTGTTCAAATGATCTTCTA 557
|||||

Db 20 ATTGTTCAAATGATCTTCTA 1

RESULT 658
US-10-005-344-93/c
; Sequence 93, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-93

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 549 GATCTTCTAGGAGATTGTT 568
      |||||
Db 20 GATCTTCTAGGAGATTGTT 1

RESULT 659
US-10-005-344-94/c
; Sequence 94, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-94

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 559 GAGATTGTTGGCGTGCCA 578
      |||||
Db 20 GAGATTGTTGGCGTGCCA 1

RESULT 660
US-10-005-344-95/c
; Sequence 95, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-95

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 575 GCCAAGCTTCTCTGTGAAAG 594
      |||||
Db 20 GCCAAGCTTCTCTGTGAAAG 1

RESULT 662
US-10-005-344-97/c
; Sequence 97, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-97
```

```
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-97
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 587 TGTGAACAGCACAGGAAAA 606
Db 20 TGTGAACAGCACAGGAAAA 1
```

```
RESULT 663
US-10-005-344-98/c
; Sequence 98, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-98
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 593 AGACGACAGGAAATATATA 612
Db 20 AGACGACAGGAAATATATA 1
```

```
RESULT 664
US-10-005-344-99/c
; Sequence 99, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
```

```
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-99
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 600 AGGAAATATATACCATGAT 619
Db 20 AGGAAATATATACCATGAT 1
```

```
RESULT 665
US-10-005-344-100/c
; Sequence 100, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-100
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 609 TATACCATGATCTACAGGAA 628
Db 20 TATACCATGATCTACAGGAA 1
```

```
RESULT 666
US-10-005-344-101/c
; Sequence 101, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
```


; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 101
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-101

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 619 TCTACAGGACTGGTAGTA 638
 DB 20 TCTACAGGACTGGTAGTA 1

RESULT 667

US-10-005-344-102/c
 ; Sequence 102, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 102
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-102

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 634 TAGTAGTCAATCAGCAGGAA 653
 DB 20 TAGTAGTCAATCAGCAGGAA 1

RESULT 668

US-10-005-344-103/c
 ; Sequence 103, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 103
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-103

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCAGGAATCATCGGACTCA 665
 DB 20 AGCAGGAATCATCGGACTCA 1

RESULT 669

US-10-005-344-104/c
 ; Sequence 104, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 104
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-104

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 656 ATCGGACTCAGGTACATCTG 675

```
Db      20 ATCGGACTCAGGTACATCTG 1
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 670
US-10-005-344-105/c
; Sequence 105, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-105

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db      20 ACATCTGTGAGTGAGACAG 688
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db      20 ACATCTGTGAGTGAGACAG 1

RESULT 671
US-10-005-344-106/c
; Sequence 106, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-106

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db      20 GTCCACCTTGAAGTGGGAGT 710
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db      20 GTCCACCTTGAAGTGGGAGT 1

RESULT 673
US-10-005-344-108/c
; Sequence 108, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-108
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-108

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGAGTGATCAAAAGGACC 723
      |||||
Db 20 TGGAGTGATCAAAAGGACC 1

RESULT 674
US-10-005-344-109/c
; Sequence 109, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-109

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 AGGACCTTGATCAAGAGCTT 737
      |||||
Db 20 AGGACCTTGATCAAGAGCTT 1

RESULT 675
US-10-005-344-110/c
; Sequence 110, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-111/c
; Sequence 111, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 111
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-111

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TACAAGAGCTTCAGGAAGAG 746
      |||||
Db 20 TACAAGAGCTTCAGGAAGAG 1

RESULT 676
US-10-005-344-111/c
; Sequence 111, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 111
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-111

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAAACCTTCATCTT 759
      |||||
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 677
US-10-005-344-112/c
; Sequence 112, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
```

```

; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-112

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 752 TTCATCTTCACATTTGGTTT 771
Db 20 TTCATCTTCACATTTGGTTT 1

```

```

RESULT 678
US-10-005-344-113/c
; Sequence 113, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-113

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 761 ACATTTGGTTTCTAGACCAT 780
Db 20 ACATTTGGTTTCTAGACCAT 1

```

```

RESULT 679
US-10-005-344-114/c
; Sequence 114, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller

```

```

; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-114

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 774 AGACCATCTACCTCATCTAG 793
Db 20 AGACCATCTACCTCATCTAG 1

```

```

RESULT 680
US-10-005-344-115/c
; Sequence 115, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-115

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 787 CATCTAGAAGGAGAGCAATT 806
Db 20 CATCTAGAAGGAGAGCAATT 1

```

```

RESULT 681
US-10-005-344-116/c
; Sequence 116, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-116

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 798 AGAGCAATTAGTGAGACAGA 817
      ||||||||||||||||
Db 20 AGAGCAATTAGTGAGACAGA 1

```

RESULT 682

```

US-10-005-344-117/c
; Sequence 117, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 117
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-117

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 810 GAGACAGAGAGAAATTCAGA 829
      ||||||||||||||||
Db 20 GAGACAGAGAGAAATTCAGA 1

```

```

RESULT 683
US-10-005-344-118/c
; Sequence 118, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-118

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 824 TTCAGATGAATTATCTGGTG 843
      ||||||||||||||||
Db 20 TTCAGATGAATTATCTGGTG 1

```

RESULT 684

```

US-10-005-344-119/c
; Sequence 119, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-119

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 833 ATTATCTGGTGAACGACAAA 852
 |||||
 Db 20 ATTATCTGGTGAACGACAAA 1

RESULT 685

US-10-005-344-120/c
 ; Sequence 120, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 120
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-120

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 844 AACGACAAAGAAACGCCAC 863
 |||||
 Db 20 AACGACAAAGAAACGCCAC 1

RESULT 686

US-10-005-344-121/c
 ; Sequence 121, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 121
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-121

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 857 ACGCCACAAATCTGATAGTA 876
 |||||
 Db 20 ACGCCACAAATCTGATAGTA 1

RESULT 687

US-10-005-344-122/c
 ; Sequence 122, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 122
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-122

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 867 TCTGATAGTATTCCTTTC 886
 |||||
 Db 20 TCTGATAGTATTCCTTTC 1

RESULT 688

US-10-005-344-123/c
 ; Sequence 123, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 123
 ; LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-123

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 CCCTTTCCTTGTGATGAAGC 899
Db 20 CCCTTTCCTTGTGATGAAGC 1

RESULT 689
US-10-005-344-124/c
; Sequence 124, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-124

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 AAAGCCTGGCTCTGTGTGTA 914
Db 20 AAAGCCTGGCTCTGTGTGTA 1

RESULT 690
US-10-005-344-125/c
; Sequence 125, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
```

```
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-125

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 CTCTGTGTCTAATAAGGGAG 923
Db 20 CTCTGTGTCTAATAAGGGAG 1

RESULT 691
US-10-005-344-126/c
; Sequence 126, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-126

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATAAGGGAGATATGTTGTGA 934
Db 20 ATAAGGGAGATATGTTGTGA 1

RESULT 692
US-10-005-344-127/c
; Sequence 127, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
```

```
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-127

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTTGTGAAGACGAGTAG 946
Db 20 TTTTGTGAAGACGAGTAG 1

RESULT 693
US-10-005-344-128/c
; Sequence 128, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-128

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 AGAAGCAGTAGCAGTGAATC 955
Db 20 AGAAGCAGTAGCAGTGAATC 1

RESULT 694
US-10-005-344-129/c
; Sequence 129, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
```

```
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-129

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 GTGAATCTACAGGACGCCA 968
Db 20 GTGAATCTACAGGACGCCA 1

RESULT 695
US-10-005-344-130/c
; Sequence 130, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-130

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 964 CGCCATCGAATCCGATCTT 983
Db 20 CGCCATCGAATCCGATCTT 1

RESULT 696
US-10-005-344-131/c
; Sequence 131, Application US/10005344
; Publication No. US20030203862A1
```



```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-131

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 971 GAATCCGGATCTTGATGCTG 990
Db 20 GAATCCGGATCTTGATGCTG 1

```

```

RESULT 697
US-10-005-344-132/c
; Sequence 132, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-132

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 983 TGATGCTGGTGAAGTCAAC 1002
Db 20 TGATGCTGGTGAAGTCAAC 1

```

```

RESULT 698
US-10-005-344-133/c
; Sequence 133, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-133

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 996 AGTGAACATTCAGGTGATTG 1015
Db 20 AGTGAACATTCAGGTGATTG 1

```

```

RESULT 699
US-10-005-344-134/c
; Sequence 134, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-134

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```



```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-138

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1046 TAGGTAGAAATTTGAAGTTG 1065
Db 20 TAGGTAGAAATTTGAAGTTG 1

RESULT 704
US-10-005-344-139/c
; Sequence 139, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-139

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1051 TAGAAATTTGAAGTTGAATCT 1070
Db 20 TAGAAATTTGAAGTTGAATCT 1

RESULT 705
US-10-005-344-140/c
; Sequence 140, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-141/c
; Sequence 141, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-141

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1059 GAAGTTGAATCTCTCGACTC 1078
Db 20 GAAGTTGAATCTCTCGACTC 1

RESULT 706
US-10-005-344-141/c
; Sequence 141, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-141

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1068 TCTCTCGACTCAGAGATTGA 1087
Db 20 TCTCTCGACTCAGAGATTGA 1

RESULT 707
US-10-005-344-142/c
; Sequence 142, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26

```

FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 142
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-142

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1077 TCAGAAGATTATAGCCTTAG 1096
Db 20 TCAGAAGATTATAGCCTTAG 1

RESULT 708
US-10-005-344-143/c
Sequence 143, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 143
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-143.

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 ATTATAGCCTTAGTGAGAA 1103
Db 20 ATTATAGCCTTAGTGAGAA 1

RESULT 709
US-10-005-344-144/c
Sequence 144, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham

APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 144
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-144

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1092 CTTAGTGAAGAGACAAGA 1111
Db 20 CTTAGTGAAGAGACAAGA 1

RESULT 710
US-10-005-344-145/c
Sequence 145, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 145
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-145

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1100 AGAAGACAAGAACTCTCAG 1119
Db 20 AGAAGACAAGAACTCTCAG 1

RESULT 711
US-10-005-344-146/c
Sequence 146, Application US/10005344

```
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 146
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-146

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1105 GACAAGAACTCTCAGATGAA 1124
Db      20 GACAAGAACTCTCAGATGAA 1

RESULT 712
US-10-005-344-147/c
; Sequence 147, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-147

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1115 CTCAGATGAAGATGATGAGG 1134
Db      20 CTCAGATGAAGATGATGAGG 1
```

```
RESULT 713
US-10-005-344-148/c
; Sequence 148, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-148

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1124 AGATGATGAGGTATATCAAG 1143
Db      20 AGATGATGAGGTATATCAAG 1

RESULT 714
US-10-005-344-149/c
; Sequence 149, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 149
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-149

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1135 TATATCAAGTTACTGTGTAT 1154
|||||
Db 20 TATATCAAGTTACTGTGTAT 1

RESULT 715

US-10-005-344-150/c
; Sequence 150, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-150

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1149 GTGTATCAGCGAGGGGAG 1168
|||||
Db 20 GTGTATCAGCGAGGGGAG 1

RESULT 716

US-10-005-344-151/c
; Sequence 151, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-151

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1161 GGGGAGAGTGATACAGATTC 1180
|||||
Db 20 GGGGAGAGTGATACAGATTC 1

RESULT 717

US-10-005-344-152/c
; Sequence 152, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 152
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-152

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1170 GATACAGATTCATTGAAGA 1189
|||||
Db 20 GATACAGATTCATTGAAGA 1

RESULT 718

US-10-005-344-153/c
; Sequence 153, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0

```
; SEQ ID NO 153
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-153

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAGATCCTCGAAATTT 1203
Db      |||||
        20 TGAAGAAGATCCTCGAAATTT 1

RESULT 719
US-10-005-344-154/c
; Sequence 154, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-154

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1196 TGAATTTCTCTAGCTGACT 1215
Db      |||||
        20 TGAATTTCTCTAGCTGACT 1

RESULT 720
US-10-005-344-155/c
; Sequence 155, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
```

```
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-155

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1207 TAGCTGACTATTGGAATGC 1226
Db      |||||
        20 TAGCTGACTATTGGAATGC 1

RESULT 721
US-10-005-344-156/c
; Sequence 156, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 156
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-156

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1220 GAAATGCACTTCATGCAATG 1239
Db      |||||
        20 GAAATGCACTTCATGCAATG 1

RESULT 722
US-10-005-344-157/c
; Sequence 157, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
```

```
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-157
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1226 CACTTCATGCAATGAATGA 1245
      |||||
Db 20 CACTTCATGCAATGAATGA 1
```

```
RESULT 723
US-10-005-344-158/c
; Sequence 158, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-158
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1257 CCATCATTGCAACAGATG 1276
      |||||
Db 20 CCATCATTGCAACAGATG 1
```

```
RESULT 724
US-10-005-344-159/c
; Sequence 159, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
```

```
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 159
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-159
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1268 CAACAGATGTGGCCCTTC 1287
      |||||
Db 20 CAACAGATGTGGCCCTTC 1
```

```
RESULT 725
US-10-005-344-160/c
; Sequence 160, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-160
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1275 TGTGGGCCCTTCGTGAGAA 1294
      |||||
Db 20 TGTGGGCCCTTCGTGAGAA 1
```

```
RESULT 726
US-10-005-344-161/c
```



```
; Sequence 161, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 161
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-161

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 CCTTCGTGAGAAATGGCTTC 1302
      |||||
Db 20 CCTTCGTGAGAAATGGCTTC 1

RESULT 727
US-10-005-344-162/c
; Sequence 162, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-162

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1292 GAATTGGCTTCCTGAAGATA 1311
      |||||
Db 20 GAATTGGCTTCCTGAAGATA 1311

; Sequence 161, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 161
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-163

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1301 TCCTGAAGATAAAGGGGAAG 1320
      |||||
Db 20 TCCTGAAGATAAAGGGGAAG 1

RESULT 728
US-10-005-344-163/c
; Sequence 163, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-163

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1301 TCCTGAAGATAAAGGGGAAG 1320
      |||||
Db 20 TCCTGAAGATAAAGGGGAAG 1

RESULT 729
US-10-005-344-164/c
; Sequence 164, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 164
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-164

Query Match          0.8%; Score 20; DB 1; Length 20;
```

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1311 AAAGGAAAGATAAAGGGGA 1330
|||||
Db 20 AAAGGAAAGATAAAGGGGA 1

RESULT 730

US-10-005-344-165/c
; Sequence 165, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-165

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1325 AGGGAAATCTCTGAGAAAG 1344
|||||
Db 20 AGGGAAATCTCTGAGAAAG 1

RESULT 731

US-10-005-344-166/c
; Sequence 166, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 166
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-166

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1333 TCTCTGAGAAAGCAAACTG 1352
|||||
Db 20 TCTCTGAGAAAGCAAACTG 1

RESULT 732

US-10-005-344-167/c
; Sequence 167, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-167

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1346 CAAACTGGAAACTCAACAC 1365
|||||
Db 20 CAAACTGGAAACTCAACAC 1

RESULT 733

US-10-005-344-168/c
; Sequence 168, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

```
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-168
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1358 CTCAACACAGCTGAAGAGG 1377
      |||||
Db 20 CTCAACACAGCTGAAGAGG 1
```

RESULT 734

```
US-10-005-344-169/c
; Sequence 169, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 169
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-169
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1368 GCTGAAGAGGGCTTGATGT 1387
      |||||
Db 20 GCTGAAGAGGGCTTGATGT 1
```

RESULT 735

```
US-10-005-344-170/c
; Sequence 170, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
```

```
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 170
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-170
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1401 AAAACTATAGTGAATGATTC 1420
      |||||
Db 20 AAAACTATAGTGAATGATTC 1
```

RESULT 736

```
US-10-005-344-171/c
; Sequence 171, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-171
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1412 GAATGATTCAGAGATCAT 1431
      |||||
Db 20 GAATGATTCAGAGATCAT 1
```

RESULT 737

```
US-10-005-344-172/c
; Sequence 172, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
```

```
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 172
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-172
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1421 CAGAGAGTCATGTTGAGG 1440
|||||
Db 20 CAGAGAGTCATGTTGAGG 1
```

```
RESULT 738
US-10-005-344-173/c
; Sequence 173, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-173
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1434 GTTGAGGAAATGATGATAA 1453
|||||
Db 20 GTTGAGGAAATGATGATAA 1
```

```
RESULT 739
US-10-005-344-174/c
; Sequence 174, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
```

```
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-174
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1439 GGAAATGATGATAAAATTA 1458
|||||
Db 20 GGAAATGATGATAAAATTA 1
```

```
RESULT 740
US-10-005-344-175/c
; Sequence 175, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-175
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1449 GATAAAATTACACAGCTTC 1468
|||||
Db 20 GATAAAATTACACAGCTTC 1
```

```
RESULT 741
```

```
US-10-005-344-176/c
; Sequence 176, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-176

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1456 TTACACAAGCTTCACAATCA 1475
Db 20 TTACACAAGCTTCACAATCA 1

RESULT 742
US-10-005-344-177/c
; Sequence 177, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-177

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1466 TTCACAATCACAGAAGTG 1485
Db 20 TTCACAATCACAGAAGTG 1485

US-10-005-344-178/c
; Sequence 178, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 178
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-178

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1481 AAGTGAAGACTATTCTCAGC 1500
Db 20 AAGTGAAGACTATTCTCAGC 1

RESULT 743
US-10-005-344-179/c
; Sequence 179, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 179
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-179
```

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1489 ACTATTCTCAGCCATCAACT 1508
 |||||
 Db 20 ACTATTCTCAGCCATCAACT 1

RESULT 745
 US-10-005-344-180/c
 ; Sequence 180, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 180
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-180

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1499 GCCATCAACTTCTAGTAGCA 1518
 |||||
 Db 20 GCCATCAACTTCTAGTAGCA 1

RESULT 746
 US-10-005-344-181/c
 ; Sequence 181, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 181
 ; LENGTH: 20
 ; TYPE: DNA

; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-181

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1506 ACTTCTAGTAGCATTATTTA 1525
 |||||
 Db 20 ACTTCTAGTAGCATTATTTA 1

RESULT 747
 US-10-005-344-182/c
 ; Sequence 182, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 182
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-182

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1517 CATTATTATAGCAGCCAAG 1536
 |||||
 Db 20 CATTATTATAGCAGCCAAG 1

RESULT 748
 US-10-005-344-183/c
 ; Sequence 183, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26

```
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 183
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-183

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1522 TTTATAGCAGCCCAAGAGAT 1541
      |||||||||
Db 20 TTTATAGCAGCCCAAGAGAT 1

RESULT 749
US-10-005-344-184/c
; Sequence 184, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-184

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1533 CAAGAAGATGTGAAGAGTT 1552
      |||||||||
Db 20 CAAGAAGATGTGAAGAGTT 1

RESULT 750
US-10-005-344-185/c
; Sequence 185, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344

; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-186

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1550 GTTTGAAAGGGAAGAAACCC 1569
      |||||||||
Db 20 GTTTGAAAGGGAAGAAACCC 1

RESULT 751
US-10-005-344-186/c
; Sequence 186, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-186

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1541 TGTGAAAGAGTTTGAAGGG 1560
      |||||||||
Db 20 TGTGAAAGAGTTTGAAGGG 1

RESULT 752
US-10-005-344-187/c
; Sequence 187, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
```

```

; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-187

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1560 GAAGAAACCCCAAGACAGA 1579
Db 20 GAAGAAACCCCAAGACAGA 1

```

```

RESULT 753
US-10-005-344-188/c
; Sequence 188, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-188

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1566 ACCCAAGACAAAGAAGAGAG 1585
Db 20 ACCCAAGACAAAGAAGAGAG 1

```

```

RESULT 754
US-10-005-344-189/c
; Sequence 189, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-189

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1580 AGAGAGTGTGGAATCTAGTT 1599
Db 20 AGAGAGTGTGGAATCTAGTT 1

```

```

RESULT 755
US-10-005-344-190/c
; Sequence 190, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 190
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-190

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1605 CTTAATGCCATTGAACCTTG 1624
Db 20 CTTAATGCCATTGAACCTTG 1

```


RESULT 756
 US-10-005-344-191/c
 ; Sequence 191, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 191
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-191

Query Match : 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1617 GAACCTTGCTGATTGCTCA 1636
 Db 20 GAACCTTGCTGATTGCTCA 1

RESULT 757
 US-10-005-344-192/c
 ; Sequence 192, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 192
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-192

Query Match : 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1624 GTGTGATTTGTCAAGTCCA 1643
 Db 20 GTGTGATTTGTCAAGTCCA 1
 RESULT 758
 US-10-005-344-193/c
 ; Sequence 193, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 193
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-193

Query Match : 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1648 AAAATGGTTGCATTGTCCAT 1667
 Db 20 AAAATGGTTGCATTGTCCAT 1

RESULT 759
 US-10-005-344-194/c
 ; Sequence 194, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 194
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-194

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1657 GCATTGTCCATGGCAAAACA 1676

Db 20 GCATTGTCCATGGCAAAACA 1

RESULT 760

US-10-005-344-195/c
 ; Sequence 195, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 195
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-195

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1667 TGGCAAAACAGGACATCTTA 1686

Db 20 TGGCAAAACAGGACATCTTA 1

RESULT 761

US-10-005-344-196/c
 ; Sequence 196, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 196
 ; LENGTH: 20

; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-196

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1675 CAGGACATCTTATGGCCTGC 1694

Db 20 CAGGACATCTTATGGCCTGC 1

RESULT 762

US-10-005-344-197/c
 ; Sequence 197, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 197
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-197

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1684 TTATGGCCTGCTTTACATGT 1703

Db 20 TTATGGCCTGCTTTACATGT 1

RESULT 763

US-10-005-344-198/c
 ; Sequence 198, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805

```
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 198
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-198
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1690 CCTGCTTTACATGTGCAAG 1709
Db 20 CCTGCTTTACATGTGCAAG 1
```

RESULT 764

```
US-10-005-344-199/c
; Sequence 199, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-199
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1702 GTGCAAGAAGCTAAAGAAA 1721
Db 20 GTGCAAGAAGCTAAAGAAA 1
```

RESULT 765

```
US-10-005-344-200/c
; Sequence 200, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
```

```
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 200
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-200
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1710 AAGCTAAAGAAAGGAATAA 1729
Db 20 AAGCTAAAGAAAGGAATAA 1
```

RESULT 766

```
US-10-005-344-201/c
; Sequence 201, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-201
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1720 AAAGGAATAAGCCTGCCCCA 1739
Db 20 AAAGGAATAAGCCTGCCCCA 1
```

RESULT 767

```
US-10-005-344-202/c
; Sequence 202, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
```

```

; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 202
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-202

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1726 ATAAGCCCTGCCAGTATGT 1745
Db 20 ATAAGCCCTGCCAGTATGT 1

```

```

RESULT 768
US-10-005-344-203/c
; Sequence 203, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 203
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-203

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1736 CCCAGTATGTAGACAACCAA 1755
Db 20 CCCAGTATGTAGACAACCAA 1

```

```

RESULT 769
US-10-005-344-204/c
; Sequence 204, Application US/10005344
; Publication No. US20030203862A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 204
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-204

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1745 TAGACACCAATTCAAATGA 1764
Db 20 TAGACACCAATTCAAATGA 1

```

```

RESULT 770
US-10-005-344-205/c
; Sequence 205, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 205
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-205

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1757 TCAAATGATTGTGCTAACTT 1776
Db 20 TCAAATGATTGTGCTAACTT 1

```

```
RESULT 771
US-10-005-344-206/c
; Sequence 206, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 206
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-206

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1787 GTTGACCTGCTATAAGAGA 1806
Db      20 GTTGACCTGCTATAAGAGA 1

RESULT 772
US-10-005-344-207/c
; Sequence 207, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 207
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-207

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1804 AGAATTATATATTTCTAACT 1823
Db      20 AGAATTATATATTTCTAACT 1

RESULT 773
US-10-005-344-208/c
; Sequence 208, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 208
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-208

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1804 AGAATTATATATTTCTAACT 1823
Db      20 AGAATTATATATTTCTAACT 1

RESULT 774
US-10-005-344-209/c
; Sequence 209, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 209
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-209
```

US-10-005-344-209

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1808 TTATATATTCTAACTATAT 1827
|||||
Db 20 TTATATATTCTAACTATAT 1

RESULT 775

US-10-005-344-210/c
; Sequence 210, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 210
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-210

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1816 TTCTAACTATATTAACCTAG 1835
|||||
Db 20 TTCTAACTATATTAACCTAG 1

RESULT 776

US-10-005-344-211/c
; Sequence 211, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 211

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-211

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1823 TATATAACCTAGGAATTTA 1842
|||||
Db 20 TATATAACCTAGGAATTTA 1

RESULT 777

US-10-005-344-212/c
; Sequence 212, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-212

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1832 CTAGGAATTAGACAACCTG 1851
|||||
Db 20 CTAGGAATTAGACAACCTG 1

RESULT 778

US-10-005-344-213/c
; Sequence 213, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26

```
; PRIOR APPLICATION NUMBER: US 09/280,805
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 213
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-213
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1840 TTAGACAACCTGAAATTTAT 1859
Db 20 TTAGACAACCTGAAATTTAT 1
```

RESULT 779

```
US-10-005-344-214/c
; Sequence 214, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 214
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-214
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1850 TGAATTTATTCACATATAT 1869
Db 20 TGAATTTATTCACATATAT 1
```

RESULT 780

```
US-10-005-344-215/c
; Sequence 215, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
```

```
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 215
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-215
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1855 TTATTTCACATATATCAAG 1874
Db 20 TTATTTCACATATATCAAG 1
```

RESULT 781

```
US-10-005-344-216/c
; Sequence 216, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 216
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-216
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1865 TATATCAAAAGTGAGAAAATG 1884
Db 20 TATATCAAAAGTGAGAAAATG 1
```

RESULT 782

```
US-10-005-344-217/c
; Sequence 217, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
```

```
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-217
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1872 AAGTGAGAAATGCTCAAT 1891
Db 20 AAGTGAGAAATGCTCAAT 1
```

```
RESULT 783
US-10-005-344-218/c
; Sequence 218, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 218
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-218
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1883 TGCCTCAATTCACATAGATT 1902
Db 20 TGCCTCAATTCACATAGATT 1
```

```
RESULT 784
US-10-005-344-219/c
; Sequence 219, Application US/10005344
```

```
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 219
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-219
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1889 AATTCACATAGATTCTTCT 1908
Db 20 AATTCACATAGATTCTTCT 1
```

```
RESULT 785
US-10-005-344-220/c
; Sequence 220, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 220
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-220
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1898 AGATTCTTCTCTTTAGTAT 1917
Db 20 AGATTCTTCTCTTTAGTAT 1
```



```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1908 TCTTTAGTATAATTGACCTA 1927
      |||||
Db 20 TCTTTAGTATAATTGACCTA 1

RESULT 788
US-10-005-344-223/c
; Sequence 223, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 223
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-223

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1913 AGTATAATTGACCTACTTTG 1932
      |||||
Db 20 AGTATAATTGACCTACTTTG 1

RESULT 789
US-10-005-344-224/c
; Sequence 224, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 224
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-224

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-005-344-221/c
; Sequence 221, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 221
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-221

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1905 TTCTCTTTAGTATAATTGAC 1924
      |||||
Db 20 TTCTCTTTAGTATAATTGAC 1

RESULT 787
US-10-005-344-222/c
; Sequence 222, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-222

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-224

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1920 TTGACCTACTTTGGTAGTGG 1939
|||||
Db 20 TTGACCTACTTTGGTAGTGG 1

RESULT 790

US-10-005-344-225/c
Sequence 225, Application US/10005344
Publication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 225

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-225

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1933 CTAGTGGAAATAGTGAATACT 1952
|||||
Db 20 CTAGTGGAAATAGTGAATACT 1

RESULT 791

US-10-005-344-226/c
Sequence 226, Application US/10005344
Publication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 226
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-226

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1940 AATAGTGAATACTTACTATA 1959
|||||
Db 20 AATAGTGAATACTTACTATA 1

RESULT 792

US-10-005-344-227/c
Sequence 227, Application US/10005344
Publication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 227

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-227

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1948 ATACTTACTATAATTTGACT 1967
|||||
Db 20 ATACTTACTATAATTTGACT 1

RESULT 793

US-10-005-344-228/c
Sequence 228, Application US/10005344
Publication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810

```

; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 228
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-228

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1956 TATAATTGACTTGAATG 1975
      |||||
DB 20 TATAATTGACTTGAATG 1

```

```

RESULT 794
US-10-005-344-229/c
; Sequence 229, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 229
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-229

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1969 GAATATGTAGCTATCCTTT 1988
      |||||
DB 20 GAATATGTAGCTATCCTTT 1

```

```

RESULT 795
US-10-005-344-230/c
; Sequence 230, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan

```

```

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 230
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-230

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1973 ATGTAGCTATCCTTTACAC 1992
      |||||
DB 20 ATGTAGCTATCCTTTACAC 1

```

```

RESULT 796
US-10-005-344-231/c
; Sequence 231, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 231
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-231

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1982 ATCCTTTACCAACTCCTTA 2001
      |||||
DB 20 ATCCTTTACCAACTCCTTA 1

```

```

RESULT 797
US-10-005-344-232/c
; Sequence 232, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero

```

```
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 232
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-232
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1990 CACCAACTCCTTAATTTAAA 2009
Db 20 CACCAACTCCTTAATTTAAA 1
```

RESULT 798

```
US-10-005-344-233/c
; Sequence 233, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-233
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1997 TCCTAATTTTAAATAATTC 2016
Db 20 TCCTAATTTTAAATAATTC 1
```

RESULT 799

```
US-10-005-344-234/c
```

```
; Sequence 234, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 234
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-234
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2004 TTTAAATAATTTCTACTCTG 2023
Db 20 TTTAAATAATTTCTACTCTG 1
```

RESULT 800

```
US-10-005-344-235/c
; Sequence 235, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 235
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-235
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2015 TCTACTCTGTCTTAAATGAG 2034
|||||
```

```
Db      20 TCTACTCTGCTTAAATGAG 1
RESULT 801
US-10-005-344-236/c
; Sequence 236, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-236
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2020 TCTGCTCTTAAATGAGAAGTA 2039
Db      20 TCTGCTCTTAAATGAGAAGTA 1
RESULT 802
US-10-005-344-237/c
; Sequence 237, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 237
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-237
Query Match      0.8%; Score 20; DB 1; Length 20;

Db      20 TTTTCTTAAATATGTATATG 2070
Db      20 TTTTCTTAAATATGTATATG 1
RESULT 803
US-10-005-344-238/c
; Sequence 238, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-238
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2059 AATATGTATATGACATTAA 2078
Db      20 AATATGTATATGACATTAA 1
RESULT 804
US-10-005-344-239/c
; Sequence 239, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-239

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2072 CATTAAATGTAACCTATTA 2091
|||
Db 20 CATTAAATGTAACCTATTA 1

RESULT 805
US-10-005-344-240/c
; Sequence 240, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 240
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-240

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2103 ACCGAGTCTTGCTGTGTAC 2122
|||
Db 20 ACCGAGTCTTGCTGTGTAC 1

RESULT 806
US-10-005-344-241/c
; Sequence 241, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-241

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCCAGGCTG 2130
|||
Db 20 TTGCTCTGTACCCAGGCTG 1

RESULT 807
US-10-005-344-242/c
; Sequence 242, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 242
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-242

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
|||
Db 20 CTGTTACCCAGGCTGGAGTG 1

RESULT 808
US-10-005-344-243/c
; Sequence 243, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04

```

; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-243

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2123 CCAGGCTGGAGTGCAGTGGG 2142
      |||||
Db 20 CCAGGCTGGAGTGCAGTGGG 1

```

```

RESULT 809
US-10-005-344-244/c
; Sequence 244, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 244
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-244

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2133 GTGCAGTGGGTGATCTTGGC 2152
      |||||
Db 20 GTGCAGTGGGTGATCTTGGC 1

```

```

RESULT 810
US-10-005-344-245/c
; Sequence 245, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang

```

```

; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 245
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-245

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2140 GGGTGATCTTGGCTCACTGC 2159
      |||||
Db 20 GGGTGATCTTGGCTCACTGC 1

```

```

RESULT 811
US-10-005-344-246/c
; Sequence 246, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 246
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-246

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2146 TCTTGGCTCACTGCAAGTTC 2165
      |||||
Db 20 TCTTGGCTCACTGCAAGTTC 1

```

```

RESULT 812
US-10-005-344-247/c
; Sequence 247, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia

```

```

; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 247
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-247

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2153 TCACTGCAAGCTCTGCCCTC 2172
      |||||||
Db 20 TCACTGCAAGCTCTGCCCTC 1

```

```

RESULT 813
US-10-005-344-248/c
; Sequence 248, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 248
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-248

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2176 GGGTTGCGACCAATCTCTG 2195
      |||||||
Db 20 GGGTTGCGACCAATCTCTG 1

```

```

RESULT 814

```

```

US-10-005-344-249/c
; Sequence 249, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 249
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-249

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2185 CCATTCTCTGCTCAGCCT 2204
      |||||||
Db 20 CCATTCTCTGCTCAGCCT 1

```

```

RESULT 815
US-10-005-344-250/c
; Sequence 250, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 250
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-250

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2191 TCCTGCTCAGCCTCCCAAT 2210

```



```

Db      20 TCCTGCCTCAGCCTCCCAAT 1
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 816
US-10-005-344-251/c
; Sequence 251, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 251
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-251

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-005-344-252/c
; Sequence 252, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 252
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-252

Db      2198 TCAGCTCCCAATTAGCTTG 2217
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-005-344-253/c
; Sequence 253, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 253
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-253

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-005-344-254/c
; Sequence 254, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 254
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-254

Db      2210 TTAGCTTGGCCTACAGTCAT 2229
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-005-344-255/c
; Sequence 255, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-255

```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-254

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2213 GCTTGGCCTACAGTCATCTG 2232
Db 20 GCTTGGCCTACAGTCATCTG 1

RESULT 820
US-10-005-344-255/c
; Sequence 255, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-255

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2218 GCCTACAGTCATCTGCCACC 2237
Db 20 GCCTACAGTCATCTGCCACC 1

RESULT 821
US-10-005-344-256/c
; Sequence 256, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 256
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-257/c
; Sequence 257, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 257
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-257

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2253 TTTGTACTTTTACTAGAC 2272
Db 20 TTTGTACTTTTACTAGAC 1

RESULT 823
US-10-005-344-258/c
; Sequence 258, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
```

```

; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 258
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-258

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2265 GTAGAGACAGGGTTTCACCG 2284
      |||||||
Db      20 GTAGAGACAGGGTTTCACCG 1

```

RESULT 824

```

US-10-005-344-259/c
; Sequence 259, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-259

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2274 GGGTTTCACCGTTAGCCA 2293
      |||||||
Db      20 GGGTTTCACCGTTAGCCA 1

```

RESULT 825

```

US-10-005-344-260/c
; Sequence 260, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller

```

```

; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 260
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-260

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2283 CGTGTAGCCAGGATGCTCT 2302
      |||||||
Db      20 CGTGTAGCCAGGATGCTCT 1

```

RESULT 826

```

US-10-005-344-261/c
; Sequence 261, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-261

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2290 GCCAGGATGCTCGATCTC 2309
      |||||||
Db      20 GCCAGGATGCTCGATCTC 1

```

RESULT 827

```

US-10-005-344-262/c
; Sequence 262, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 262
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-262

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTC 2317
|||||
DB 20 GGTCTCGATCTCTGACCTC 1

RESULT 828

US-10-005-344-263/c
Sequence 263, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 263
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-263

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2307 CTCCTGACCTCGTATCCGC 2326
|||||
DB 20 CTCCTGACCTCGTATCCGC 1

RESULT 829
US-10-005-344-264/c
Sequence 264, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 264
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-264

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2319 TGATCGCCACCTCGGCCT 2338
|||||
DB 20 TGATCGCCACCTCGGCCT 1

RESULT 830

US-10-005-344-265/c
Sequence 265, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 265
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-265

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2325 GCCCACCTCGGCTCCCAA 2344
 Db 20 GCCCACCTCGGCTCCCAA 1

RESULT 831

US-10-005-344-266/c
 ; Sequence 266, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 266
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-266

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTGTGGGA 2353
 Db 20 GGCTCCCAAGTGTGGGA 1

RESULT 832

US-10-005-344-267/c
 ; Sequence 267, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 267
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-267

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTGTGGGATTACAG 2360
 Db 20 CAAAGTGTGGGATTACAG 1

RESULT 833

US-10-005-344-268/c
 ; Sequence 268, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 268
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-268

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCAC 2370
 Db 20 GGATTACAGGCATGAGCCAC 1

RESULT 834

US-10-005-344-276/c
 ; Sequence 276, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 276
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-276

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-276

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 315 TGCATACCAACATGCTGT 334
Db 20 TGCATACCAACATGCTGT 1

RESULT 835
US-10-005-344-277/c
; Sequence 277, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 277
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-277

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 356 CACCTCACAGATCCAGCTT 375
Db 20 CACCTCACAGATCCAGCTT 1

RESULT 836
US-10-005-344-278/c
; Sequence 278, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
```

```
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 278
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-278

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 357 ACCTCACAGATCCAGCTTC 376
Db 20 ACCTCACAGATCCAGCTTC 1

RESULT 837
US-10-005-344-279/c
; Sequence 279, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 279
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-279

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 358 CCTCACAGATCCAGCTTCG 377
Db 20 CCTCACAGATCCAGCTTCG 1

RESULT 838
US-10-005-344-280/c
; Sequence 280, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
```

```
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 280
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-280
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 359 CTCACAGATTCAGCTTCGG 378
Db 20 CTCACAGATTCAGCTTCGG 1
```

RESULT 839

```
US-10-005-344-281/c
; Sequence 281, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 281
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-281
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 360 TCACAGATTCAGCTTCGGA 379
Db 20 TCACAGATTCAGCTTCGGA 1
```

RESULT 840

```
US-10-005-344-282/c
; Sequence 282, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
```

```
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 282
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-282
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 362 ACAGATTCAGCTTCGGAAC 381
Db 20 ACAGATTCAGCTTCGGAAC 1
```

RESULT 841

```
US-10-005-344-283/c
; Sequence 283, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 283
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-283
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 363 CAGATTCAGCTTCGGAACA 382
Db 20 CAGATTCAGCTTCGGAACA 1
```

RESULT 842

```
US-10-005-344-284/c
; Sequence 284, Application US/10005344
; Publication No. US20030203862A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-284

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 364 AGATTCACGCTTCGGAACA 383
    |||||
Db 20 AGATTCACGCTTCGGAACA 1

```

```

RESULT 843
US-10-005-344-285/c
; Sequence 285, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 285
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-285

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 365 GATTCACGCTTCGGAACAAG 384
    |||||
Db 20 GATTCACGCTTCGGAACAAG 1

```

```

RESULT 844
US-10-005-344-286/c
; Sequence 286, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 286
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-286

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 366 ATTCACGCTTCGGAACAAGA 385
    |||||
Db 20 ATTCACGCTTCGGAACAAGA 1

```

```

RESULT 845
US-10-005-344-287/c
; Sequence 287, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 287
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-287

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```


QY 367 TTCAGCTTCGGAACAAGAG 386
 |||||
 Db 20 TTCAGCTTCGGAACAAGAG 1

RESULT 846

US-10-005-344-288/c
 ; Sequence 288, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 288
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-288

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 368 TTCAGCTTCGGAACAAGAG 387
 |||||
 Db 20 TTCAGCTTCGGAACAAGAG 1

RESULT 847

US-10-005-344-289/c
 ; Sequence 289, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 289
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-289

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGGAACAAGAGAC 388
 |||||
 Db 20 CCAGCTTCGGAACAAGAGAC 1

RESULT 848

US-10-005-344-290/c
 ; Sequence 290, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 290
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-290

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 481 TTGGCCAGTATATATGACT 500
 |||||
 Db 20 TTGGCCAGTATATATGACT 1

RESULT 849

US-10-005-344-291/c
 ; Sequence 291, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 291

; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-10-005-344-291

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 482 TGGCCAGTATATTATGACTA 501
 |||||
 Db 20 TGGCCAGTATATTATGACTA 1

RESULT 850

US-10-005-344-292/c

; Sequence 292, Application US/10005344
 ; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 292

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-292

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 483 GGCCAGTATATTATGACTAA 502
 |||||
 Db 20 GGCCAGTATATTATGACTAA 1

RESULT 851

US-10-005-344-293/c

; Sequence 293, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 293
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-10-005-344-293

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 780 TCTACCTCATCTAGAGGAG 799
 |||||
 Db 20 TCTACCTCATCTAGAGGAG 1

RESULT 852

US-10-005-344-294/c

; Sequence 294, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 294

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-294

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 781 CTACCTCATCTAGAGGAG 800
 |||||
 Db 20 CTACCTCATCTAGAGGAG 1

RESULT 853

US-10-005-344-295/c

; Sequence 295, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

```
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 295
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-295
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1200 ATTTCCTTAGCTGACTATTG 1219
Db 20 ATTTCCTTAGCTGACTATTG 1
```

```
RESULT 854
US-10-005-344-296/c
; Sequence 296, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 296
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-296
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1201 TTTCCTTAGCTGACTATTGG 1220
Db 20 TTTCCTTAGCTGACTATTGG 1
```

```
RESULT 855
US-10-005-344-297/c
; Sequence 297, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
```

```
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 297
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-297
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1202 TTCCTTAGCTGACTATTGGA 1221
Db 20 TTCCTTAGCTGACTATTGGA 1
```

```
RESULT 856
US-10-005-344-298/c
; Sequence 298, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 298
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-298
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1203 TCCTTAGCTGACTATTGGA 1222
Db 20 TCCTTAGCTGACTATTGGA 1
```

```
RESULT 857
US-10-005-344-299/c
; Sequence 299, Application US/10005344
```

Publication No. US20030203862A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622
 CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 299
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-299

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1230 TCATGCAATGAATGATCC 1249
 DB 20 TCATGCAATGAATGATCC 1

RESULT 858
 US-10-005-344-300/c
 Sequence 300, Application US/10005344
 Publication No. US20030203862A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622
 CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 300
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-300

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1341 AAAGCCAACTGGAAACTC 1360
 DB 20 AAAGCCAACTGGAAACTC 1

RESULT 859
 US-10-005-344-301/c
 Sequence 301, Application US/10005344
 Publication No. US20030203862A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622
 CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 301
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-301

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1342 AAGCCAACTGGAAACTCA 1361
 DB 20 AAGCCAACTGGAAACTCA 1

RESULT 860
 US-10-005-344-302/c
 Sequence 302, Application US/10005344
 Publication No. US20030203862A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622
 CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 302
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-302

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1622 TTGTGATTTGTCAAGTC 1641
|||||
Db 20 TTGTGATTTGTCAAGTC 1

RESULT 861

US-10-005-344-303/c
; Sequence 303, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 303
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-303

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1632 TGTCAAGTCGACCTAAAA 1651
|||||
Db 20 TGTCAAGTCGACCTAAAA 1

RESULT 862

US-10-005-344-304/c
; Sequence 304, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-304

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1642 GACCTAAAAATGTTGCATT 1661
|||||
Db 20 GACCTAAAAATGTTGCATT 1

RESULT 863

US-10-005-344-305/c
; Sequence 305, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 305
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-305

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1652 TGTTGCATTGTCATGGCA 1671
|||||
Db 20 TGTTGCATTGTCATGGCA 1

RESULT 864

US-10-005-344-306/c
; Sequence 306, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0

```
; SEQ ID NO 306
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-306

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1662 GTCCATGGCAAAACAGGACA 1681
Db 20 GTCCATGGCAAAACAGGACA 1

RESULT 865
US-10-005-344-307/c
; Sequence 307, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 307
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-307

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1672 AAACAGGACATCTTATGGCC 1691
Db 20 AAACAGGACATCTTATGGCC 1

RESULT 866
US-10-005-344-308/c
; Sequence 308, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 308
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-308

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1692 TGCTTTACATGTGCAAGAA 1711
Db 20 TGCTTTACATGTGCAAGAA 1

RESULT 868
US-10-005-344-310/c
; Sequence 310, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 309
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-309

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1682 TCTTATGGCTGCTTTTACAT 1701
Db 20 TCTTATGGCTGCTTTTACAT 1

RESULT 867
US-10-005-344-309/c
; Sequence 309, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 309
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-309

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1692 TGCTTTACATGTGCAAGAA 1711
Db 20 TGCTTTACATGTGCAAGAA 1

RESULT 868
US-10-005-344-310/c
; Sequence 310, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 310
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-310
```

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; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 310
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-310

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1712 GCTAAAGAAAAGGAATAAGC 1731
Db 20 GCTAAAGAAAAGGAATAAGC 1

RESULT 869
US-10-005-344-311/c
; Sequence 311, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-311

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1722 AGGAATAAGCCCTGCCCACT 1741
Db 20 AGGAATAAGCCCTGCCCACT 1

RESULT 870
US-10-005-344-312/c
; Sequence 312, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero

```

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; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 312
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-312

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1732 CCTGCCCACTATGTAGACAA 1751
Db 20 CCTGCCCACTATGTAGACAA 1

RESULT 871
US-10-005-344-313/c
; Sequence 313, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 313
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-313

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1742 ATGTAGACAAACCAATTCAA 1761
Db 20 ATGTAGACAAACCAATTCAA 1

RESULT 872
US-10-005-344-314/c

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```
; Sequence 314, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 314
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-314

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1752 CCAATTCAATGATGTGCT 1771
DB 20 CCAATTCAATGATGTGCT 1

RESULT 873
US-10-005-344-315/c
; Sequence 315, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 315
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-315

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1762 TGATTGTGCTAACTTATTC 1781
DB 20 TGATTGTGCTAACTTATTC 1791
```

```
DB 20 TGATTGTGCTAACTTATTC 1

RESULT 874
US-10-005-344-316/c
; Sequence 316, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 316
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-316

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1772 AACTTATTTCCCTAGTTGA 1791
DB 20 AACTTATTTCCCTAGTTGA 1

RESULT 875
US-10-005-344-317/c
; Sequence 317, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 317
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-317

Query Match          0.8%; Score 20; DB 1; Length 20;
```


; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-71

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2292 CAGGATGCTCGATCTCCT 2311
Db 20 CAGGATGCTCGATCTCCT 1

RESULT 880

US-10-148-355A-73/C

; Sequence 73, Application US/10148355A

; Publication No. US20030207831A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowser

; APPLICANT: ISIS PHARMACEUTICALS, INC.

; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2

; FILE REFERENCE: RTSP-0082

; CURRENT APPLICATION NUMBER: US/10/148,355A

; CURRENT FILING DATE: 2002-09-30

; PRIOR APPLICATION NUMBER: 09/467,642

; PRIOR FILING DATE: 1999-12-17

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 73

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-148-355A-73

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATGA 2365
Db 20 TGCTGGGATTACAGGCATGA 1

RESULT 881

US-10-181-875-62

; Sequence 62, Application US/10181875

; Publication No. US2003021633A1

; GENERAL INFORMATION:

; APPLICANT: Isis Pharmaceuticals, Inc.

; APPLICANT: Brett P. Monia

; APPLICANT: Robert McKay

; APPLICANT: Madeline M. Butler

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRES

; FILE REFERENCE: RTSP-0356

; CURRENT APPLICATION NUMBER: US/10/181,875

; CURRENT FILING DATE: 2002-07-22

; PRIOR APPLICATION NUMBER: 09/488,856

; PRIOR FILING DATE: 2000-01-21

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 62

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-181-875-62

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTCGGATTAC 2357
Db 1 TCCCAAAGTCTCGGATTAC 20

RESULT 882

US-10-174-460-78/C

; Sequence 78, Application US/10174460

; Publication No. US20030232441A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION

; FILE REFERENCE: PTS-0014

; CURRENT APPLICATION NUMBER: US/10/174,460

; CURRENT FILING DATE: 2002-06-17

; NUMBER OF SEQ ID NOS: 109

; SEQ ID NO 78

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-174-460-78

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGG 2299
Db 20 CACCGTGTAGCCAGGATGG 1

RESULT 883

US-10-189-267-87/C

; Sequence 87, Application US/10189267

; Publication No. US20040006030A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION

; FILE REFERENCE: PTS-0038

; CURRENT APPLICATION NUMBER: US/10/189,267

; CURRENT FILING DATE: 2002-07-02

; NUMBER OF SEQ ID NOS: 284

; SEQ ID NO 87

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-189-267-87

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2333 CGGCCTCCCAAAGTCTGGG 2352
Db 20 CGGCCTCCCAAAGTCTGGG 1

RESULT 884

US-10-189-267-222

; Sequence 222, Application US/10189267

; Publication No. US20040006030A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-189-267-222

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2333 CGGCTCCCAAGTGTGGG 2352
Db 1 CGGCTCCCAAGTGTGGG 20

RESULT 885
US-10-303-165-80/c
; Sequence 80, Application US/10303165
; Publication No. US20040101847A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Preter
; TITLE OF INVENTION: MODULATION OF NOTCH2 EXPRESSION
; FILE REFERENCE: RTS-0387
; CURRENT APPLICATION NUMBER: US/10/303,165
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 152
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-165-80

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTGA 2313
Db 20 GGATGGTCTCGATCTCTGA 1

RESULT 886
US-10-671-395-464/c
; Sequence 464, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 464
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-464

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2333 CGGCTCCCAAGTGTGGG 2352
Db 20 CGGCTCCCAAGTGTGGG 1

RESULT 887
US-10-671-395-581/c
; Sequence 581, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 581
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-581

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTGTGGGA 2353
Db 20 GGCTCCCAAGTGTGGGA 1

RESULT 888
US-10-671-395-669/c
; Sequence 669, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 669
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-669

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2332 TCGGCTCCCAAGTGTGG 2351

```
Db      20 TCGGCTCCCAAGTGCTG 1
|||||
RESULT 889
US-10-671-395-933/c
; Sequence 933, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 933
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-933

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2335 GCCTCCCAAGTGCTGGAT 2354
Db      20 GCCTCCCAAGTGCTGGAT 1
|||||

RESULT 890
US-10-671-395-1145/c
; Sequence 1145, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1145

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2331 CTCGGCTCCCAAGTGCTG 2350
Db      20 CTCGGCTCCCAAGTGCTG 1
|||||

RESULT 891
US-10-671-395-1347/c
; Sequence 1347, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1347
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1347

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2344 AGTCTGGGATTACAGGCAT 2363
Db      20 AGTCTGGGATTACAGGCAT 1
|||||

RESULT 893
US-10-714-508-2
; Sequence 2, Application US/10714508
; Publication No. US20040142360A1
; GENERAL INFORMATION:
; APPLICANT: QU, KEVIN S.
; APPLICANT: SFERRUZZA, ANTHONY
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1347
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1347

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2330 CCTCGGCTCCCAAGTGCT 2349
Db      20 CCTCGGCTCCCAAGTGCT 1
|||||

RESULT 892
US-10-737-576-3/c
; Sequence 3, Application US/10737576
; Publication No. US20040132186A1
; GENERAL INFORMATION:
; APPLICANT: Weissman, Irving L.
; APPLICANT: Traver, David Jeffrey
; APPLICANT: Akashi, Koichi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
; FILE REFERENCE: STAN126CIP
; CURRENT APPLICATION NUMBER: US/10/737,576
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: US/09/956,279
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/607,529
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-737-576-3

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2344 AGTCTGGGATTACAGGCAT 2363
Db      20 AGTCTGGGATTACAGGCAT 1
|||||

RESULT 893
US-10-714-508-2
; Sequence 2, Application US/10714508
; Publication No. US20040142360A1
; GENERAL INFORMATION:
; APPLICANT: QU, KEVIN S.
; APPLICANT: SFERRUZZA, ANTHONY
```

```
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING GENOTYPES
; FILE REFERENCE: 034827-3002
; CURRENT APPLICATION NUMBER: US/10/714,508
; CURRENT FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 60/426,639
; PRIOR FILING DATE: 2002-11-15
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
US-10-714-508-2

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2294 GGATGGTCTCGATCTCTCTGA 2313
Db      1 GGATGGTCTCGATCTCTCTGA 20
|||||

RESULT 894
US-10-746-547-74
; Sequence 74, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-74

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      302 GAGCAGGCAAAATGTGCAATA 321
Db      1 GAGCAGGCAAAATGTGCAATA 20
|||||

RESULT 895
US-10-746-547-76
; Sequence 76, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
US-10-746-547-76

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      302 GAGCAGGCAAAATGTGCAATA 321
Db      1 GAGCAGGCAAAATGTGCAATA 20
|||||
```

```
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-76

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      302 GAGCAGGCAAAATGTGCAATA 321
Db      1 GAGCAGGCAAAATGTGCAATA 20
|||||

RESULT 896
US-10-746-547-77/c
; Sequence 77, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-77

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1253 CCTTCCATCACATTGCAACA 1272
Db      20 CCTTCCATCACATTGCAACA 1
|||||

RESULT 897
US-10-746-547-78
; Sequence 78, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-78

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      386 GACCCTGGTTAGACCAAGC 405
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Db      1  GACCTGGTTAGACCAAGC 20
|||||
RESULT 898
US-10-746-547-79/c
; Sequence 79, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-79

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1007 AGGTGATTGGTTGGATCAGG 1026
|||||
Db      20  AGGTGATTGGTTGGATCAGG 1

RESULT 899
US-10-746-547-80
; Sequence 80, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-80

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      302 GAGCAGGCAATGTGCAATA 321
|||||
Db      1  GAGCAGGCAATGTGCAATA 20

RESULT 900
US-10-786-720-13158
; Sequence 13158, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
US-10-786-720-13158

Query Match      0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 8.8e+02;
Matches 13; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      2300 TCTCGATCTCTGACCTCGT 2319
|||||
Db      1  UCUCGAUCCUGACCUCCU 20

RESULT 901
US-10-786-720-13161
; Sequence 13161, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13161
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13161

Query Match      0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      2292 CAGGATGGTCTCGATCTCCT 2311
|||||
Db      1  CAGGAUGGUCUGAUCUCCU 20

RESULT 902
US-10-786-720-13227
; Sequence 13227, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13227
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13227
```



```
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13244

Query Match          0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2184 ACCATTCTCTGCTCAGCC 2203
      |||||
Db 20 ACCATTCTCTGCTCAGCC 1

RESULT 908
US-10-786-720-13245
; Sequence 13245, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13245
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13245

Query Match          0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2185 CCATTCTCTGCTCAGCCT 2204
      |||||
Db 1 CCAUUCUCCUGCCUAGCCU 20

RESULT 909
US-10-786-720-20440
; Sequence 20440, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20440
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20440

Query Match          0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2352 GATTACGGCATGAGCCACC 2371
      |||||
Db 1 GATTACGGCATGAGCCACC 20

RESULT 910
US-10-751-736-24010
; Sequence 24010, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24010
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-24010

Query Match          0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCTCC 2206
      |||||
Db 2 ATTCTCTGCTCAGCCTCC 21

RESULT 911
US-09-958-635A-27
; Sequence 27, Application US/09958635A
; Publication No. US20040224313A1
; GENERAL INFORMATION:
; APPLICANT: ZANGER, Ulrich
; TITLE OF INVENTION: Polymorphisms in the human CYP2B6 gene
; TITLE OF INVENTION: and their use in diagnostic and therapeutic
; TITLE OF INVENTION: applications
; FILE REFERENCE: VOS-19
; CURRENT APPLICATION NUMBER: US/09/958,635A
; CURRENT FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: PCT/EP01/01456
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: A primer for use in PCR
; OTHER INFORMATION: amplification of the human genomic DNA to generate a polynucleoti
; OTHER INFORMATION: which is capable of hybridizing to the CYP2B6 gene, and is useful
; OTHER INFORMATION: genotyping of individual CYP2B6 alleles.
US-09-958-635A-27

Query Match          0.8%; Score 20; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2352 GATTACGGCATGAGCCACC 2371
      |||||
Db 1 GATTACGGCATGAGCCACC 20

RESULT 912
US-09-740-668A-55/c
; Sequence 55, Application US/09740668A
```



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; Patent No. US20020076700A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard
; TITLE OF INVENTION: No. US20020076700A1el polypeptides and nucleic acids encoding sam
; FILE REFERENCE: 15966-537 CIP
; CURRENT APPLICATION NUMBER: US/09/740,668A
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: PCT/US99/29584
; PRIOR FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: 09/465,512
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: 60/113,485
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/112,837
; PRIOR FILING DATE: 1998-12-18
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 2826468 expression probe primer
US-09-740-668A-55

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2269 AGACAGGGTTTACCGTGTAGCCAG 2294
Db 26 ACATGGGGTCTCACCGTGTAGCCAG 1

RESULT 913
US-09-898-779-33/c
; Sequence 33, Application US/09898779
; Patent No. US20020106657A1
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rottier (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-779-33

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2102 GACCGAGTCTTGCTCTTACCCAGG 2127
Db 26 GACACAGTCTGCTCAGTTACCCAGG 1

RESULT 914
US-09-939-853A-111/c
; Sequence 111, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
```

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; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 111
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-111

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2190 CTCCTGCCTCAGCTCCCAATTAGCT 2215
Db 26 CTCCTGCCTCAGCTCAGCAGTAGTGT 1

RESULT 915
US-10-092-900A-464
; Sequence 464, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patturajan, Meera
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: No. US20040043382A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,322
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; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USN 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USN 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 464
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-092-900A-464

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2228 ATGCGCACCACTGCTGCTAAATTT 2253
||| ||||| ||||| ||||| |||||
Db 1 ATGACCACCACTGCTGCTAAATTT 26

RESULT 916
US-09-998-425-61
; Sequence 61, Application US/09998425
; Publication No. US20030008346A1
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: MMSC1 - An MMAC1 Interacting Protein
; FILE REFERENCE: MMSC1 Gene
; CURRENT APPLICATION NUMBER: US/09/998,425
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/233,086
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/071,861
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-20
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: MMSC1 Primers
US-09-998-425-61

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCCAGGCTG 2130
||||| ||||| ||||| ||||| |||||
Db 1 CTTGCTCTGTACCCAGGCTG 21

RESULT 917
US-09-997-977-61
; Sequence 61, Application US/09997977
; Publication No. US20030027228A1
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: MMSC1 - An MMAC1 Interacting Protein
; FILE REFERENCE: MMSC1 Gene
; CURRENT APPLICATION NUMBER: US/09/997,977
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 09/233,086
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: US 60/071,861
; PRIOR FILING DATE: 1998-01-20
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: MMSC1 Primers
US-09-997-977-61

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCCAGGCTG 2130
||||| ||||| ||||| ||||| |||||
Db 1 CTTGCTCTGTACCCAGGCTG 21

RESULT 918
US-10-032-495-40
; Sequence 40, Application US/10032495
; Publication No. US20020155601A1
; GENERAL INFORMATION:
; APPLICANT: YAN, WEN LIANG
; TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
; TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTYPE,
; TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
; TITLE OF INVENTION: MATERIALS AND METHODS USING SAME
; FILE REFERENCE: 0249-0002US
; CURRENT APPLICATION NUMBER: US/10/032,495
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: 60/258,881
; PRIOR FILING DATE: 2001-01-02
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-032-495-40

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCGATGAGCCAC 2370
||||| ||||| ||||| ||||| |||||
Db 1 GGGATTACAGGCGAGGAGCCAC 21

RESULT 919
US-10-255-434-7/c
; Sequence 7, Application US/10255434
; Publication No. US20030129626A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-7

Query Match          0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGAGACGCGGTTTC 2280
Db 21 TTTTAGTAGAGACGCGGTTTC 1

RESULT 920
US-10-255-434-19
; Sequence 19, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-19

Query Match          0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGAGACGCGGTTTC 2280
Db 1 TTTTAGTAGAGACGCGGTTTC 21

RESULT 921
US-10-002-623-736
; Sequence 736, Application US/10002623
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; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; TITLE OF INVENTION: POPULATIONS
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 736
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: Putative NRSF/NRSF.01 motif
US-10-002-623-736

Query Match          0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2277 TTTCACCGTGTAGCCAGGAT 2297
Db 1 TTTCACCGTGTAGCCAGGAT 21

RESULT 922
US-10-091-281-241/c
; Sequence 241, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587-338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 241
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative NRSF/NRSF.01 motif
US-10-091-281-241

Query Match          0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGCCTCCCAAAGTCTGGG 2352
Db 21 TCGGCCTCCCAAAGTCTGGG 1

RESULT 923
US-10-722-689A-18
; Sequence 18, Application US/10722689A
; Publication No. US20040191905A1
; GENERAL INFORMATION:
; APPLICANT: STEVENSON, Mario
; APPLICANT: JACQUE, Jean-Marc
; TITLE OF INVENTION: MODULATION OF HIV REPLICATION BY RNA
; TITLE OF INVENTION: INTERFERENCE
; FILE REFERENCE: UMY-034
; CURRENT APPLICATION NUMBER: US/10/722,689A
; CURRENT FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: 60/428631
```

;; PRIOR FILING DATE: 2002-11-22
;; PRIOR APPLICATION NUMBER: 60/444893
;; PRIOR FILING DATE: 2003-02-04
;; NUMBER OF SEQ ID NOS: 20
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 18
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: primer
US-10-722-689A-18

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGCGTGAG 2366
Db 1 TGCTGGGATTACAGCGTGAG 21

RESULT 924

US-10-786-720-13162/c
; Sequence 13162, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

;; APPLICANT: Wyeth
;; APPLICANT: Liu, Wei
;; APPLICANT: O'Toole, Margot
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;; FILE REFERENCE: 031896-023000 (AM101331L)
;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 13162
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-786-720-13162

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGGATG 2298
Db 21 TTCACCGTGTAGCCAGGATG 1

RESULT 925

US-10-786-720-13237/c
; Sequence 13237, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

;; APPLICANT: Wyeth
;; APPLICANT: Liu, Wei
;; APPLICANT: O'Toole, Margot
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;; FILE REFERENCE: 031896-023000 (AM101331L)
;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 13237
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-786-720-13237

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2283 CGTGTAGCCAGGATGGTCTC 2303
Db 21 CATGTTAGCCAGGATGGTCTC 1

RESULT 926

US-10-786-720-13240/c
; Sequence 13240, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

;; APPLICANT: Wyeth
;; APPLICANT: Liu, Wei
;; APPLICANT: O'Toole, Margot
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;; FILE REFERENCE: 031896-023000 (AM101331L)
;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 13240
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-786-720-13240

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2281 ACCGTGTAGCCAGGATGGTC 2301
Db 21 ACCATGTTAGCCAGGATGGTC 1

RESULT 927

US-10-786-720-13246/c
; Sequence 13246, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

;; APPLICANT: Wyeth
;; APPLICANT: Liu, Wei
;; APPLICANT: O'Toole, Margot
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;; FILE REFERENCE: 031896-023000 (AM101331L)
;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 13246
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-786-720-13246

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTCGACCATTTCTCCGCTC 2199
Db 21 TTCACACCATTTCTCCGCTC 1

RESULT 928

US-10-786-720-14251
; Sequence 14251, Application US/10786720
; Publication No. US20040191818A1

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14251
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-14251

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2352 GATTACAGGCATGAGCCACCG 2372
      |||||||
Db      1 GATTACAGGCATGAGCCACCG 21

RESULT 929
US-10-786-720-20173/c
; Sequence 20173, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20173
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20173

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2352 GATTACAGGCATGAGCCACCG 2372
      |||||||
Db      21 GATTACAGGCATGAGCCACTG 1

RESULT 930
US-10-786-720-20374/c
; Sequence 20374, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20374
; LENGTH: 21
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20374

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2185 CCATTCTCCTGCCTCAGCCTC 2205
      |||||||
Db      21 CGATTCTCCTGCCTCAGCCTC 1

RESULT 931
US-10-751-736-42412/c
; Sequence 42412, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42412
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42412

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2232 GCCACCACACCTGGCTAAATTT 2252
      |||||||
Db      21 GCCACCACGCTGGCTAAATTT 1

RESULT 932
US-10-751-736-42415/c
; Sequence 42415, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42415
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42415

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2231 TGCCACCACTGCTAATT 2251
Db 21 TGCCACCACTGCTAATT 1

RESULT 933

US-10-751-736-42862/c
; Sequence 42862, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42862
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42862

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2185 CCAATTCCTGCTCAGCCTC 2205
Db 21 CAAATTCCTGCTCAGCCTC 1

RESULT 934

US-10-751-736-43678/c
; Sequence 43678, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43678
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43678

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2344 AGTCTGGATTACAGCATG 2364
Db 21 AGTCTGGATTACAGCATG 1

RESULT 935

US-10-751-736-43679/c
; Sequence 43679, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43679
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
US-10-751-736-43679

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGATTACAGCA 2362
Db 21 AAAGTCTGGATTACAGCA 1

RESULT 936

US-10-751-736-43813/c
; Sequence 43813, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43813
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43813

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCGACCTC 2317
Db 21 TGGTCTCGAATCTCGACCTC 1

RESULT 937

US-09-989-420-50
; Sequence 50, Application US/09989420
; Publication No. US20030013671A1
; GENERAL INFORMATION:
; APPLICANT: MINENO, Junichi et al.
; TITLE OF INVENTION: Genomic DNA library
; FILE REFERENCE: 1422-0506P

```
; CURRENT APPLICATION NUMBER: US/09/989,420
; NUMBER FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer for an
; OTHER INFORMATION: BRCA1 gene
US-09-989-420-50

Query Match          0.8%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2340 CCAAAGTGGTGGGATTACAGS 2360
Db 1 CCAAAGTGGTGGGATTACAGG 21

RESULT 938
US-10-435-696-244/c
; Sequence 244, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP0210291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 244
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D178614 reverse primer
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n=a, c, g or t
US-10-435-696-244

Query Match          0.8%; Score 19.4; DB 1; Length 23;
Best Local Similarity 95.2%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTTGCTCACTGCAAGCTC 2165
Db 23 ATCTTGCTCACTGCAACCTC 3

RESULT 939
US-09-754-106-122/c
; Sequence 122, Application US/09754106
; Publication No. US2003022435A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Katsaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio

; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-754-106-122

Query Match          0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 TGAGACCGAGTCTTGCTCTGTTC 2122
Db 24 TGAGATGGAGTCTTGCTCTGTTC 1

RESULT 940
US-10-745-377-17
; Sequence 17, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
```

; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-17

Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTGACCT 2316
||| ||||| ||||| ||||| ||||| |||||
Db 1 AGGTGGTTTCGAACTCTCTGACCT 24

RESULT 941
US-10-872-113-17
; Sequence 17, Application US/10872113
; Publication No. US20040229275A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: HDL Cholesterol and Triglyceride Levels
; CURRENT APPLICATION NUMBER: US/10/872,113
; CURRENT FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapien
US-10-872-113-17

Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTGACCT 2316
||| ||||| ||||| ||||| ||||| |||||
Db 1 AGGTGGTTTCGAACTCTCTGACCT 24

RESULT 942
US-10-793-389-12/c

; Sequence 12, Application US/10793389
; Publication No. US20040216178A1
; GENERAL INFORMATION:
; APPLICANT: Steinman, Heather
; APPLICANT: Jones, Stephen N
; TITLE OF INVENTION: REGULATION OF MDM2 FUNCTION
; FILE REFERENCE: 07917-199001
; CURRENT APPLICATION NUMBER: US/10/793,389
; CURRENT FILING DATE: 2004-03-03
; PRIOR APPLICATION NUMBER: US 60/451,525
; PRIOR FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: PCR primer based on M. musculus sequence of mdm2
US-10-793-389-12

Query Match 0.8%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 TGCCATTGAACCTTGTTGATTTG 1633
||| ||||| ||||| ||||| ||||| |||||
Db 25 TGCCATCGAACCATGTTGATCTG 2

RESULT 943
US-10-016-490C-6
; Sequence 6, Application US/10016490C
; Publication No. US20040072769A1
; GENERAL INFORMATION:
; APPLICANT: Yin, James O.
; TITLE OF INVENTION: Methods for design and selection of short double-stranded
; FILE REFERENCE: oligonucleotides, and compounds of gene drugs
; CURRENT APPLICATION NUMBER: US/10/016,490C
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The same as those in human.
US-10-016-490C-6

Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGGAACAAGAGA 387
||| ||||| ||||| ||||| ||||| |||||
Db 1 CCAGCTTCGGAACAAGAGA 19

RESULT 944
US-10-758-307-330
; Sequence 330, Application US/10758307
; Publication No. US20040209290A1
; GENERAL INFORMATION:
; APPLICANT: GENOMIC HEALTH, INC.
; APPLICANT: RUSH UNIVERSITY MEDICAL CENTER
; APPLICANT: Cobleigh, Melody
; APPLICANT: Shak, Steven
; APPLICANT: Baker, Joffre
; APPLICANT: Cronin, Maureen
; TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
; CANCEER PROGNOSIS

; FILE REFERENCE: 39740/0008 US
; CURRENT APPLICATION NUMBER: US/10/758,307
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/440,861
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 440
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 330
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: forward primer
US-10-758-307-330

Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 955 CTACAGGAGCCCATCGAA 973
|||||
Db 1 CTACAGGAGCCCATCGAA 19

RESULT 945
US-10-005-344-342/c
; Sequence 342, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 342
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-342

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1018 TGGATCAGGATTCAGTTTC 1036
|||||
Db 20 TGGATCAGGATTCAGTTTC 2

RESULT 946
US-10-671-395-695/c
; Sequence 695, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Giersse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 695
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-695

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2336 CCTCCCAAAGTGCTGGGAT 2354
|||||
Db 20 CCTCCCAAAGTGCTGGGAT 2

RESULT 947
US-10-671-395-1455/c
; Sequence 1455, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Giersse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1455
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1455

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTGC 2348
|||||
Db 19 CCTCGGCTCCCAAGTGC 1

RESULT 948
US-10-786-720-13157/c
; Sequence 13157, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13157
; LENGTH: 21

; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13157

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2300 TCTCGATCTCTGACCTCG 2318
|||||
Db 19 TCTCGATCTCTGACCTCG 1

RESULT 949

US-10-786-720-13160/c
; Sequence 13160, Application US/10786720
; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13160

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai-sense strand

US-10-786-720-13160

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2292 CAGGATGCTCTCGATCTCC 2310
|||||
Db 19 CAGGATGCTCTCGATCTCC 1

RESULT 950

US-10-786-720-13226/c
; Sequence 13226, Application US/10786720
; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13226

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai-sense strand

US-10-786-720-13226

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2303 CGATCTCTGACCTCGTGA 2321
|||||
Db 19 CGATCTCTGACCTCGTGA 1

RESULT 951

US-10-786-720-13232/c
; Sequence 13232, Application US/10786720
; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13232

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai-sense strand

US-10-786-720-13232

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2289 AGCCAGGATGCTCTCGATC 2307
|||||
Db 19 AGCCAGGATGCTCTCGATC 1

RESULT 952

US-10-786-720-13235/c
; Sequence 13235, Application US/10786720
; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13235

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai-sense strand

US-10-786-720-13235

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2287 TTAGCCAGGATGCTCTCGA 2305
|||||
Db 19 TTAGCCAGGATGCTCTCGA 1

RESULT 953

US-10-786-720-20174/c
; Sequence 20174, Application US/10786720
; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20174
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-20174

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 19 GATTACAGGCATGAGCCAC 1

RESULT 954

US-10-786-720-20175
; Sequence 20175, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 20175

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai-antisense strand

US-10-786-720-20175

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 9.7e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 1 GAUACAGGCAUGAGCCAC 19

RESULT 955

US-10-786-720-20442/c
; Sequence 20442, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 20442

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai-antisense strand

US-10-786-720-20442

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2353 ATTACAGGCATGAGCCACC 2371

Db 20 ATTACAGGCATGAGCCACC 2

RESULT 956

US-10-751-736-5086
; Sequence 5086, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; TITLE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; PRIOR FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 5086

; LENGTH: 21

; TYPE: DNA

; ORGANISM: homo sapiens

US-10-751-736-5086

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2187 ATTCTCCTGCCTCAGCCTC 2205
Db 2 ATTCTCCTGCCTCAGCCTC 20

RESULT 957

US-10-751-736-24011
; Sequence 24011, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; TITLE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 24011

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai

US-10-751-736-24011

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 9.7e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCCTGCCTCAGCCTCC 2206
Db 1 UUCUCCUGCCUCAGCCUCC 19

RESULT 958

US-10-196-095-51/c
; Sequence 51, Application US/10196095

```

; Publication No. US20030158081A1
; GENERAL INFORMATION:
; APPLICANT: March, Ruth E.
; APPLICANT: Thornton, Sarah M.
; TITLE OF INVENTION: CHEMICAL COMPOUNDS
; FILE REFERENCE: 009901/0270771 - AFG/PHM70556/UST
; CURRENT APPLICATION NUMBER: US/10/196,095
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/09/597,835
; PRIOR FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: GB 9914440.4
; PRIOR FILING DATE: 1999-06-22
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: MS Word
; SEQ ID NO 51
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-196-095-51

Query Match          0.8%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2143 TGACTTGGCTCACTGCAC 2161
Db 22 TGACTTGGCTCACTGCAC 4

RESULT 959
US-10-240-046A-12
; Sequence 12, Application US/10240046A
; Publication No. US20030190639A1
; GENERAL INFORMATION:
; APPLICANT: HUGOT, JEAN-PIERRE
; APPLICANT: THOMAS, GILLES
; APPLICANT: ZOUALI, MOHAMED
; APPLICANT: LESAGE, SUZANNE
; APPLICANT: CHAMAILLARD, MATHIAS
; TITLE OF INVENTION: GENES INVOLVED IN INTESTINAL INFLAMMATORY DISEASES AND USE
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 37991-0009
; CURRENT APPLICATION NUMBER: US/10/240,046A
; CURRENT FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: PCT/FR 01/00935
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: FR 00/03832
; PRIOR FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 12
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-046A-12

Query Match          0.8%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 9.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2341 CAAGTGTGGATTACGGCA 2362
Db 2 CCAACTGCTGGATTACAGGCA 23

RESULT 960
US-09-752-983-27/c
; Sequence 27, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

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; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
US-09-752-983-27

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
Db 20 TTTACATGTGTAAGAAGCT 1

RESULT 961
US-09-834-700-9
; Sequence 9, Application US/09834700
; Publication No. US20020040130A1
; GENERAL INFORMATION:
; APPLICANT: Braun, A.
; TITLE OF INVENTION: POLYMORPHIC KINASE ANCHOR PROTEINS AND
; FILE REFERENCE: 24736-2035
; CURRENT APPLICATION NUMBER: US/09/834,700
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/240,335
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-09-834-700-9

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Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAGTCTGGGATTAC 2357
Db 1 TCCCAAGTCTGGGATTAC 20

RESULT 962

US-09-733-294A-82
; Sequence 82, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US/09/733,294A
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-82

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TGCTGGATTACAGGCATGA 2365
Db 1 TGCTGGATTACAGGCCTGA 20

RESULT 963

US-09-795-380-12
; Sequence 12, Application US/09795380
; Patent No. US20020058257A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Jin-Tang; Barrett,
; J. Carl; Lamb, Patricia W.; Isaacs, John T.
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND
; GENE THERAPY USING REAGENTS DERIVED FROM THE
; HUMAN METASTASIS SUPPRESSOR GENE KAI1
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD 97
; CURRENT APPLICATION DATA:
; FILING DATE: 27-Feb-2001
; PRIOR APPLICATION NUMBER: US/09/795,380
; FILING DATE: 2000-05-16
; NAME: RICHARD W. BORK

REGISTRATION NUMBER: 36,459
REFERENCE/DOCKET NUMBER: 2026-4172US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-795-380-12

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTGCACCATTCCTCGCCT 2198
Db 1 TTGCACCATTCCTCGCCT 20

RESULT 964

US-09-263-959-1145/c
; Sequence 1145, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWaters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1145:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-1145

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTACA 2358
Db 20 CCCAAAGTCTGGGATTATA 1

```
RESULT 965
US-09-263-959-1177/c
; Sequence 1177, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1177:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1177

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2273 AGGGTTTCACCGTGTAGCC 2292
|||||
Db 20 AGGGTTTCACCGTGTAGTC 1

RESULT 966
US-09-851-771A-27/c
; Sequence 27, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDW2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-851-771A-27

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAGCT 1714
|||||
Db 20 TTTCATGTGTAAGAGCT 1

RESULT 967
US-09-898-556A-84/c
; Sequence 84, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/09/898,556A
; CURRENT FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-84

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCT 2164
|||||
Db 20 ATCTGGCTCACTGCAAGCT 1

RESULT 968
US-09-898-556A-85/c
; Sequence 85, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/09/898,556A
; CURRENT FILING DATE: 2001-07-03
```

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 85

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-898-556A-85

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363

Db 20 AGTGTTGGGATTACAGGCAT 1

RESULT 969

US-09-908-147-97/c

; Sequence 97, Application US/09908147

; Publication No. US20030144221A1

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0185

; CURRENT APPLICATION NUMBER: US/09/908,147

; CURRENT FILING DATE: 2001-07-17

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 97

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-908-147-97

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGACCCA 2369

Db 20 GGGATTACAGGCATGACCCA 1

RESULT 970

US-10-005-715-18

; Sequence 18, Application US/10005715

; Publication No. US20030023058A1

; GENERAL INFORMATION:

; APPLICANT: University of No. US20030023058A1aith Carolina at Chapel Hill

; APPLICANT: Weston, Brent W.

; APPLICANT: Hiller, Kara M.

; TITLE OF INVENTION: ANTISENSE HUMAN FUCOSYLTRANSFERASE SEQUENCES AND METHODS OF USE

; FILE REFERENCE: 5470-259CT

; CURRENT APPLICATION NUMBER: US/10/005,715

; CURRENT FILING DATE: 2002-03-21

; PRIOR APPLICATION NUMBER: US 60/131,068

; PRIOR FILING DATE: 1999-04-26

; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 18

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

US-10-005-715-18

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2305 ATCTCTGACCTCGTGATCC 2324

Db 1 ATCTCTGACCTCGTGATCC 20

RESULT 971

US-10-314-405-2/c

; Sequence 2, Application US/10314405

; Publication No. US20030108940A1

; GENERAL INFORMATION:

; APPLICANT: Hidetoshi, Inoko

; APPLICANT: Gen, Tamiya

; APPLICANT: Yasunari, Matsuzaka

; TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS

; FILE REFERENCE: 06501-069001

; CURRENT APPLICATION NUMBER: US/10/314,405

; CURRENT FILING DATE: 2002-12-06

; PRIOR APPLICATION NUMBER: US/09/713,616

; PRIOR FILING DATE: 2000-11-15

; NUMBER OF SEQ ID NOS: 46

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)..(20)

; OTHER INFORMATION: artificially synthesized primer sequence

US-10-314-405-2

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTC 2309

Db 20 GCCAGGATGGTCTCGATCTC 1

RESULT 972

US-10-289-845-15/c

; Sequence 15, Application US/10289845

; Publication No. US20030170679A1

; GENERAL INFORMATION:

; APPLICANT: Wood, Linda

; APPLICANT: Wagner, Susanne

; APPLICANT: Parodi, Luis

; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1

; FILE REFERENCE: 00791.US1

; CURRENT APPLICATION NUMBER: US/10/289,845

; CURRENT FILING DATE: 2002-11-07

; NUMBER OF SEQ ID NOS: 51

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 15

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: primer

US-10-289-845-15

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2304 GATCTCTGACCTCGTGATC 2323

Db 20 GATCTACTGACCTCGTGATC 1

```
RESULT 973
US-10-272-665-53
; Sequence 53, Application US/10272665
; Publication No. US20030180748A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033E
; CURRENT APPLICATION NUMBER: US/10/272,665
; CURRENT FILING DATE: 2002-10-15
; PRIOR FILING DATE: 2002-10-15
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-272-665-53

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 974
US-10-273-321-53
; Sequence 53, Application US/10273321
; Publication No. US20030180749A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033B
; CURRENT APPLICATION NUMBER: US/10/273,321
; CURRENT FILING DATE: 2002-10-15
; PRIOR FILING DATE: 2000-07-10
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-273-321-53

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 975
US-10-272-756-53
; Sequence 53, Application US/10272756
; Publication No. US20030190644A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033C
; CURRENT APPLICATION NUMBER: US/10/272,756
; CURRENT FILING DATE: 2002-10-15
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/687,483
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-272-756-53

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 976
US-10-190-312A-169/c
; Sequence 169, Application US/10190312A
; Publication No. US20030199468A1
; GENERAL INFORMATION:
; APPLICANT: Chromagenics B.V.
; APPLICANT: Otte, Arie P.
; APPLICANT: Kruckeberg, Arthur L.
; TITLE OF INVENTION: DNA sequences comprising gene transcription regulatory qualities
; FILE REFERENCE: 2183-4993.1
; CURRENT APPLICATION NUMBER: US/10/190,312A
; CURRENT FILING DATE: 2002-07-05
; PRIOR APPLICATION NUMBER: 60/303,199
; PRIOR FILING DATE: 2001-07-05
; NUMBER OF SEQ ID NOS: 1079
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 169
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide E23
US-10-190-312A-169

Query Match          0.8%; Score 18.4; DB 1; Length 20;
```

```
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 975
US-10-272-756-53
; Sequence 53, Application US/10272756
; Publication No. US20030190644A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033C
; CURRENT APPLICATION NUMBER: US/10/272,756
; CURRENT FILING DATE: 2002-10-15
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/687,483
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-272-756-53

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 976
US-10-190-312A-169/c
; Sequence 169, Application US/10190312A
; Publication No. US20030199468A1
; GENERAL INFORMATION:
; APPLICANT: Chromagenics B.V.
; APPLICANT: Otte, Arie P.
; APPLICANT: Kruckeberg, Arthur L.
; TITLE OF INVENTION: DNA sequences comprising gene transcription regulatory qualities
; FILE REFERENCE: 2183-4993.1
; CURRENT APPLICATION NUMBER: US/10/190,312A
; CURRENT FILING DATE: 2002-07-05
; PRIOR APPLICATION NUMBER: 60/303,199
; PRIOR FILING DATE: 2001-07-05
; NUMBER OF SEQ ID NOS: 1079
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 169
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide E23
US-10-190-312A-169

Query Match          0.8%; Score 18.4; DB 1; Length 20;
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```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-326

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTCTGACCT 2316
      ||||| ||||| ||||| |||||
Db 20 TGGTCTAGATCTCTGACCT 1

RESULT 977
US-10-005-344-27/c
; Sequence 27, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-27

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
      ||||| ||||| ||||| |||||
Db 20 TTTACATGTGTAAGAAGCT 1

RESULT 978
US-10-005-344-326/c
; Sequence 326, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 326
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-326

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1328 GGAATCTCTGAGAAAGCCA 1347
      ||||| ||||| ||||| |||||
Db 20 GGAATCTCTGAAAAAGCCA 1

RESULT 980
US-10-005-344-349/c
; Sequence 349, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
```

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 349
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-349

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1515 AGCATTTATTATAGAGCCA 1534
||||| ||||| ||||| ||||| |||||
Db 20 AGCATTTATTATAGAGCCA 1

RESULT 981
US-10-005-344-350/c
; Sequence 350, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005.344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US/09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US/09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-350

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GAAGAGAGTGTGGAATCTAG 1597
||||| ||||| ||||| ||||| |||||
Db 20 GACGAGAGTGTGGAATCTAG 1

RESULT 982
US-10-005-344-353/c
; Sequence 353, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005.344
; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 353
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-353

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1698 ACATGTGCAAGAAGCTAAA 1717
||||| ||||| ||||| ||||| |||||
Db 20 ACGTGTGCAAGAAGCTAAA 1

RESULT 983
US-10-273-228-53
; Sequence 53, Application US/10273228
; Publication No. US20030207297A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: GENETIC MARKERS
; FILE REFERENCE: 24736-2033D
; CURRENT APPLICATION NUMBER: US/10/273,228
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 09/687,483
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-273-228-53

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTGTGGATTAC 2357
||||| ||||| ||||| ||||| |||||
Db 1 TCCCAAAGTGTGGATTAC 20

RESULT 984
US-10-282-174-339/c
; Sequence 339, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Vellicalebi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.

```
; APPLICANT: Bertram, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 339
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-10-282-174-339

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2104 CCGAGTCTGCTGTTACC 2123
| | | | | | | | | | | | | | | |
Db 20 CCGAGTCTGCTGTTGCC 1

RESULT 985
US-10-172-911-80
; Sequence 80, Application US/10172911
; Publication No. US2003032434A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION
; FILE REFERENCE: PTS-0016
; CURRENT APPLICATION NUMBER: US/10/172,911
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-172-911-80

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2120 TACCCAGGCTGGAGTGAGT 2139
| | | | | | | | | | | | | | | |
Db 1 TGCCCGAGGCTGGAGTGAGT 20

RESULT 986
US-10-189-268-71
```

```
; Sequence 71, Application US/10189268
; Publication No. US20040005570A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF GERANYLGERANYL DIPHOSPHATE SYNTHASE 1 EX
; FILE REFERENCE: PTS-0021
; CURRENT APPLICATION NUMBER: US/10/189,268
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-189-268-71

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2117 TGTACCAGGCTGGAGTGC 2136
| | | | | | | | | | | | | | | |
Db 1 TGTGCCAGGCTGGAGTGC 20

RESULT 987
US-10-189-267-88/c
; Sequence 88, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-189-267-88

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2349 TGGATTACAGGCATGAGCC 2368
| | | | | | | | | | | | | | | |
Db 20 TGGATTACAGGCATGAGCC 1

RESULT 988
US-10-189-267-223
; Sequence 223, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 223
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-189-267-223

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2349 TGGGATTACAGCGATGAGCC 2368
Db      1 TGGGATTACAGCGCGTGAGCC 20

RESULT 989
US-10-435-696-259
; Sequence 259, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnies, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
; FILE REFERENCE: Lea 36 108
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 259
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D17S1246 forward primer
US-10-435-696-259

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 TCGATCTCTGACCTGTGGA 2321
Db      1 TCGATCTCTGACCTTGTGA 20

RESULT 990
US-10-210-723-78
; Sequence 78, Application US/10210723
; Publication No. US20040023382A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3CB EXPRESSION
; FILE REFERENCE: PTS-0028
; CURRENT APPLICATION NUMBER: US/10/210,723
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-723-78

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGCT 2215
Db      1 CCTCAGCCTCCCAAGTAGCT 20

RESULT 991
US-10-210-723-136/c
; Sequence 136, Application US/10210723
; Publication No. US20040023382A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3CB EXPRESSION
; FILE REFERENCE: PTS-0028
; CURRENT APPLICATION NUMBER: US/10/210,723
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-723-136

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGCT 2215
Db      20 CCTCAGCCTCCCAAGTAGCT 1

RESULT 992
US-10-264-958B-2/c
; Sequence 2, Application US/10264958B
; Publication No. US20040038224A1
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Hal
; APPLICANT: Kolodner, Richard
; TITLE OF INVENTION: Isolated Cryopyrins, Nucleic Acid Molecules Encoding These, and
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: IJD 5738.1 CIP (10209575)
; CURRENT APPLICATION NUMBER: US/10/264,958B
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: US60/327,728
; PRIOR FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-10-264-958B-2

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCT 2164
Db      20 ATCTGGCTCACTGCAACCT 1

RESULT 993
US-10-728-509-97/c
; Sequence 97, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-97

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGACGCA 2369
Db 20 GGGATTACAGGCATGACGCA 1

RESULT 994
US-10-303-325-77
; Sequence 77, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-77

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTACAGGCA 2362
Db 1 AAGTGCTGGGATTACAGGCA 20

RESULT 995
US-10-303-325-145/c
; Sequence 145, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-145
```

```
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTACAGGCA 2362
Db 20 AAGTGCTGGGATTACAGGCA 1

RESULT 996
US-10-671-395-112/c
; Sequence 112, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-112

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2342 AAAGTGCTGGGATTACAGGC 2361
Db 20 AAAGTGCTGGGATTACAGGC 1

RESULT 997
US-10-671-395-157/c
; Sequence 157, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-157

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTACAGGCA 2362
Db 1 AAGTGCTGGGATTACAGGCA 20
```

```
Db      20 AAGTCTGGGATGACAGCA 1
RESULT 998
US-10-671-395-212/c
; Sequence 212, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 212
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-212
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2344 AGTCTGGGATGACAGCAT 2363
Db      20 AGTCTGGGATGACAGCAT 1
RESULT 999
US-10-671-395-239/c
; Sequence 239, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-239
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2346 TGCTGGGATGACAGGCATGA 2365
Db      20 TGCTGGGATGACAGGCATGA 1
RESULT 1000
US-10-671-395-266/c
; Sequence 266, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 266
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-266
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2341 CAAAGTCTGGGATGACAGG 2360
Db      20 CAAAGTCTGGGATGACAGG 1
RESULT 1001
US-10-671-395-350/c
; Sequence 350, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-350
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2338 TCCCAAAGTCTGGGATGAC 2357
Db      20 TCCCAAAGTCTGGGATGAC 1
RESULT 1002
US-10-671-395-395/c
; Sequence 395, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 395
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-395
```

; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 395
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-395

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTACCCA 2125
Db 20 GAGTCTTGCTCTGTGCCCCA 1

RESULT 1003
US-10-671-395-423/c
; Sequence 423, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 423
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-423

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTACA 2358
Db 20 CCCAAAGTCTGGGATGACA 1

RESULT 1004
US-10-671-395-449/c
; Sequence 449, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 449
; LENGTH: 20

; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-449

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGATTACAGGCATG 2364
Db 20 GTGCTGGATGACAGGCATG 1

RESULT 1005
US-10-671-395-582/c
; Sequence 582, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-582

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2337 CTCCTAAAGTCTGGGATTA 2356
Db 20 CTCCTAAAGTCTGGGATCA 1

RESULT 1006
US-10-671-395-597/c
; Sequence 597, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 597
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-597

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCTCC 2206
||||| |||||||
DB 20 ATTCTCCGCTCAGCCTCC 1

RESULT 1007
US-10-671-395-632/c
; Sequence 632, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 632
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-632

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2340 CCAAAGTCTGGGATTACAG 2359
||||| |||||||
DB 20 CCAAAGTCTGGGATTACAG 1

RESULT 1008
US-10-671-395-808/c
; Sequence 808, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 808
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-808

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2101 AGACGAGTCTGCTCTGTT 2120
||||| |||||||
DB 20 AGACGAGTCTGCTCTGTT 1

RESULT 1009
US-10-671-395-1371/c
; Sequence 1371, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1371
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1371

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2253 TTGTACTTTTAGTAGAGAC 2272
||||| |||||||
DB 20 TTGTACTTTTAGTAGAGAC 1

RESULT 1010
US-10-671-395-1496/c
; Sequence 1496, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1496
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1496

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2251 TTTTCTACTTTTAGTAGAG 2270
||||| |||||||
DB 20 TTTTCTACTTTTAGTAGAG 1

RESULT 1011
US-10-671-395-1740/c
; Sequence 1740, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.


```
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1740
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1740

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTGTAGTAGA 2271
Db 20 TTTTGTATTTTGTAGTAGA 1

RESULT 1012
US-10-772-542-84/c
; Sequence 84, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Frieler
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-84

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCT 2164
Db 20 ATCTGGCTCACTGCAAGCT 1

RESULT 1013
US-10-772-542-85/c
; Sequence 85, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Frieler
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 85
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-85

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGTTGGGATTACAGGCAT 1

RESULT 1014
US-09-770-107-83/c
; Sequence 83, Application US/09770107
; Publication No. US20030054345A1
; GENERAL INFORMATION:
; APPLICANT: Millenium Pharmaceuticals, Inc.
; APPLICANT: Meyer, Joanne
; APPLICANT: Barrington-Martin, Rory
; APPLICANT: Parker, Alexander
; APPLICANT: Barnes, Glenn
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
; TITLE OF INVENTION: neuropsychiatric disorders, including schizophrenia
; FILE REFERENCE: 3322/0H401
; CURRENT APPLICATION NUMBER: US/09/770,107
; CURRENT FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-770-107-83

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2190 CTCCTGCCTCAGCTCCCAA 2209
Db 21 CTCCTGCCTCAGCTCCCAA 2

RESULT 1015
US-10-085-906-415
; Sequence 415, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Paul
; APPLICANT: Ying, Vincent
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 415
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-10-085-906-415

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2241 CCTGGCTAAATTTTGTACT 2260
Db 2 CCTGGCTAAATTTTGTATT 21

RESULT 1016
US-10-099-338/c
; Sequence 338, Application US/10165099
; Publication No. US20030188326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 338
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-338

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
Db 20 GGATTACAGCATGAGCCAC 1

RESULT 1017
US-10-786-720-13164
; Sequence 13164, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13164
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13164

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGAT 2297
Db 1 UUCACCAUGUAGCCAGAU 20

RESULT 1018
US-10-786-720-13239
; Sequence 13239, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13239
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13239

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2283 CGTGTAGCCAGGATGCT 2302
Db 1 CAUGUAGCCAGGAUGCU 20

RESULT 1019
US-10-786-720-13242
; Sequence 13242, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13242
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13242

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 14; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 2281 ACCGTGTAGCCAGGATGCT 2300
Db 1 ACCAUGUAGCCAGGAUGU 20

RESULT 1020
US-10-786-720-13248
; Sequence 13248, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)

```

; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13248
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13248

```

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 1e+03;
Matches 12; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy	2179	TTGCACCATTCCTCTGCCT	2198
		: : : : :	
Db	1	UUACACCAUUCUCCGCCU	20

RESULT 1021
US-10-786-720-14253/c
; Sequence 14253, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:

```
Query Match          0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy	2353	ATTACAGGCATGAGCCACCG	2372
Db	20	ATTACAGGCGTGAGCCACCG	1

RESULT 1022
US-10-786-720-20171/c
; Sequence 20171, Application US/10786720
; Publication No. US20040191818A1

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19: Conservative 0: Mismatches 1: Indels

QY 2353 ATTACAGGCATGAGCCACCG 2372
|||
Db 20 ATTACAGGCATGAGCCACTG 1

```

RESULT 1023
US-10-786-720-20230
; Sequence 20230, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20230
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20230

```

```
Query Match          0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy	2121	ACCCAGGCTGGAGTGCAGTG	2140
D _b	2	ACCTAGGCTGGAGTGCAGTG	21

RESULT 1024
US-10-786-720-20232/c
; Sequence 20232, Application US/10786720
; Publication No. US20040191818A1

```
Query Match          0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2121 ACCCAGGCTGGAGTGCAGTG 2140
||| ||| ||| ||| ||| ||| |||
pB 20 ACCTAGGCTGGAGTGCAGTG 1

RESULT 1025
US-10-786-720-20375/c
; Sequence 20375, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Wyeth
; APPLICANT: Mergott

```
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20375
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl-sense strand
US-10-786-720-20375

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2184 ACCATTCTCTCGCTCAGCC 2203
Db 20 ACGATTCTCTCGCTCAGCC 1

RESULT 1026
US-10-786-720-20376
; Sequence 20376, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20376
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl-antisense strand
US-10-786-720-20376

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 1e+03;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2185 CCATTCTCTCGCTCAGCCT 2204
Db 1 CGAUUCUCCUGCCUAGCCU 20

RESULT 1027
US-10-751-736-5089
; Sequence 5089, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5089
; LENGTH: 21
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; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-5089

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGCATGAGCCACC 2371
Db 1 GATTACAGCATGTGCCACC 20

RESULT 1028
US-10-751-736-42863/c
; Sequence 42863, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42863
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
US-10-751-736-42863

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2184 ACCATTCTCTCGCTCAGCC 2203
Db 20 ACAATTCTCTCGCTCAGCC 1

RESULT 1029
US-10-751-736-43814/c
; Sequence 43814, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43814
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
US-10-751-736-43814

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2296 ATGCTCTCGATCTCTGACC 2315
|||||
Db 20 ATGCTCTCGAATCTCTGACC 1

RESULT 1030

US-09-784-423-80/c
; Sequence 80, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick

REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275

INFORMATION FOR SEQ ID NO: 80
SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 80

US-09-784-423-80

Query Match 0.8%; Score 18.4; DB 1; Length 24;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCTCC 2206
|||||
Db 22 ATTCTCTGCTCAGCTCC 3

RESULT 1031

US-10-812-238A-34/c
; Sequence 34, Application US/10812238A
; Publication No. US20050002904A1
; GENERAL INFORMATION:
; APPLICANT: warty, Kishore, K.
; Humtsoe, Joseph O.
; TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor
; OF INVENTION: and Type I Collagen Inducible Protein (VCIP)
; FILE REFERENCE: D6563
; CURRENT APPLICATION NUMBER: US/10/812,238A
; CURRENT FILING DATE: 2004-03-29

; PRIOR APPLICATION NUMBER: US 60/458,164
; PRIOR FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 36
; SEQ ID NO 34
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: anti-sense primer for human Alu sequence
US-10-812-238A-34

Query Match 0.8%; Score 18.4; DB 1; Length 24;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGAGCCA 2369
|||||
Db 24 GGGATTACAGGCATGAGCCA 5

RESULT 1032

US-09-728-552-1
; Sequence 1, Application US/09728552
; Publication No. US20030096398A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/728,552
; CURRENT FILING DATE: 2000-12-02
; PRIOR APPLICATION NUMBER: 09/078,294
; PRIOR FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-728-552-1

Query Match 0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
|||||
Db 1 GGATTACAGGRTGAGCCA 19

RESULT 1033

US-10-463-981B-1
; Sequence 1, Application US/10463981B
; Publication No. US20040081982A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Wong, Lee Hwa
; APPLICANT: Saffery, Richard Eric
; TITLE OF INVENTION: Neocentromere-based mini-chromosomes or artificial chromosomes
; FILE REFERENCE: A35869-PCT-USA-A (071838, 0140)
; CURRENT APPLICATION NUMBER: US/10/463,981B
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: PCT/AU01/01644
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: AU PR2247
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: AU PR8909
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1

```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-463-981B-1

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
Db      1 GGATTACAGGVRTGAGCCA 19

RESULT 1034
US-08-913-322-16/c
; Sequence 16, Application US/08913322
; Publication No. US20020137028A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Mackenzie, Alexander E.
; APPLICANT: Roy, Natalie
; APPLICANT: Robertson, George
; APPLICANT: Tamai, Katsumi
; TITLE OF INVENTION: USER OF NEURONAL APOPTOSIS INHIBITOR
; TITLE OF INVENTION: (N/AIP)
; FILE REFERENCE: 07891/013001
; CURRENT APPLICATION NUMBER: US/08/913,322
; CURRENT FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: PCT/IB97/00142
; EARLIER FILING DATE: 1997-01-17
; EARLIER APPLICATION NUMBER: GB 9601108.5
; EARLIER FILING DATE: 1996-01-19
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer based on Homo sapiens
US-08-913-322-16

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2227 CATCTGCCACACACCTGGCTAA 2249
Db      23 CATGTGCCACACATCTGGCTAA 1

RESULT 1035
US-10-731-739-167
; Sequence 167, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
```

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; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-167

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2259 CTTTGTAGTAGACAGGGTTTCA 2281
Db      1 CTTTGTAGTAGACAGGGTTCTCA 23

RESULT 1036
US-10-477-238A-167
; Sequence 167, Application US/10477238A
; Publication No. US20040221326A1
; GENERAL INFORMATION:
; APPLICANT: Babij, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-167

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2259 CTTTGTAGTAGACAGGGTTTCA 2281
Db      1 CTTTGTAGTAGACAGGGTTCTCA 23

RESULT 1037
US-10-680-287A-167
; Sequence 167, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: Babij, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
```

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; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-680-287A-167

Query Match      0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 2259 CTTTGTAGACAGCGTTTCA 2281
      ||||| ||||| ||||| ||||| |||||
Db 1 CTTTGTAGACAGCGTTTCA 23

RESULT 1038
US-09-784-423-96/c
; Sequence 96, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESS: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 96
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 96

US-09-784-423-96

Query Match      0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

US-09-784-423-96
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QY 2117 TGTACCAGGCTGGAGTGCAGT 2139
      ||||| ||||| ||||| ||||| |||||
Db 23 TATCACCAGGCTGGAGTGCAGT 1

RESULT 1039
US-10-323-463-12/c
; Sequence 12, Application US/10323463
; Publication No. US20030157693A1
; GENERAL INFORMATION:
; APPLICANT: JORDAN, ERIC
; TITLE OF INVENTION: CELL LINES WITH LATENT IMMUNODEFICIENCY
; FILE REFERENCE: UCAL-261
; CURRENT APPLICATION NUMBER: US/10/323,463
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/341,727
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-10-323-463-12

Query Match      0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 2196 CCTCAGCTCCCAATTAGCTGG 2218
      ||||| ||||| ||||| ||||| |||||
Db 24 CCTCAGCTCCCGAGTAGCTGG 2

RESULT 1040
US-10-309-775A-33/c
; Sequence 33, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; US-10-309-775A-33

Query Match      0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 495 ATGACTAAACGATTATATGATGA 517
      ||||| ||||| ||||| ||||| |||||
Db 23 ATGACTAAATGACTAAATGATGA 1

RESULT 1041
US-09-935-223-9
; Sequence 9, Application US/09935223
```

```
; Publication No. US20020086983A1
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Enad S.
; TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, And
; FILE REFERENCE: TU02499
; CURRENT APPLICATION NUMBER: US/09/935,223
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/723,450
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-09-935-223-9

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGTCTG 2351
Db 1 GGCCTCCCAAGTGTCTG 18

RESULT 1042
US-09-044-602-2/c
; Sequence 2, Application US/09044602
; Publication No. US2002019325A1
; GENERAL INFORMATION:
; APPLICANT: Depinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/09/044,602
; CURRENT FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-09-044-602-2

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CAGATGTTGGCCCTTCG 1288
Db 18 CAGATGTTGGCCCTTCG 1

RESULT 1043
US-10-424-630-2/c
; Sequence 2, Application US/10424630
; Publication No. US20030176350A1
; GENERAL INFORMATION:
; APPLICANT: Depinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/10/424,630
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: US/09/044,602
```

```
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-10-424-630-2

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CAGATGTTGGCCCTTCG 1288
Db 18 CAGATGTTGGCCCTTCG 1

RESULT 1044
US-10-098-871-37
; Sequence 37, Application US/10098871
; Publication No. US20030198958A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Herrmannes, Elma
; APPLICANT: Herrmann, John
; APPLICANT: Liu, Xiaohong
; APPLICANT: Yang, Meijia
; APPLICANT: Boldog, Ference
; APPLICANT: Smithson, Glennda
; APPLICANT: Rastelli, Luca
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
; FILE REFERENCE: CURA-65 CIP
; CURRENT APPLICATION NUMBER: US/10/098,871
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/153,629
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: 60/154,520
; PRIOR FILING DATE: 1999-09-16
; PRIOR APPLICATION NUMBER: 60/154,762
; PRIOR FILING DATE: 1999-09-20
; PRIOR APPLICATION NUMBER: 60/159,231
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: 60/276,960
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ag121 forward primer
US-10-098-871-37

Query Match      0.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGCAGTG 2140
Db 2 CCAGGCTGGAGTGCAGTG 19

RESULT 1045
US-10-636-065-98/c
; Sequence 98, Application US/10636065
; Publication No. US20040127694A1
```


; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-98

Query Match 0.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2189 TCTCCTGCCTCAGCCTCC 2206
|||||
Db 19 TCTCCTGCCTCAGCCTCC 2

RESULT 1046
US-09-993-731-22
; Sequence 22, Application US/0993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-22

Query Match 0.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGCTGGAGTCAGTGG 2141
|||||
Db 1 CAGCTGGAGTCAGTGG 18

RESULT 1047
US-10-671-395-1032/c
; Sequence 1032, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1032
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1032

Query Match 0.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTG 2347
|||||
Db 18 CCTCGGCTCCCAAGTG 1

RESULT 1048
US-10-786-720-20441
; Sequence 20441, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20441
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20441

Query Match 0.8%; Score 18; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 15; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2354 TTRACAGCATGAGCCACC 2371
:|||||:|||||
Db 1 UUACAGGCAUGAGCCACC 18

RESULT 1049
US-10-751-736-5087
; Sequence 5087, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5087
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi

US-10-751-736-5087

Query Match 0.8%; Score 18; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 1.1e+03;
Matches 12; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCCTGCTCAGCCTC 2205
Db 1 UUCUCCUCCUAGCCUC 18

RESULT 1050

US-09-974-546-87

; Sequence 87, Application US/09974546

; Publication No. US20030050470A1

; GENERAL INFORMATION:

; APPLICANT: An, Gang

; O'Hara, S. Mark

; Ralph, David

; Veltri, Robert

; TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,

; PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE

; NUMBER OF SEQUENCES: 87

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee

; STREET: P.O. Box 4433

; CITY: Houston

; STATE: Texas

; COUNTRY: USA

; ZIP: 77210

; COMPUTER READABLE FORM:

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/974,546

; FILING DATE: 10-Oct-2001

; CLASSIFICATION: Unknown

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/097,199

; FILING DATE: 1998-06-12

; ATTORNEY/AGENT INFORMATION:

; NAME: Nakashina, Richard A.

; REGISTRATION NUMBER: P-42,023

; REFERENCE/DOCKET NUMBER: UROC:018

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (512) 418-3000

; TELEFAX: (512) 474-7577

; INFORMATION FOR SEQ ID NO: 87:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 87:

; US-09-974-546-87

; Query Match 0.8%; Score 18; DB 1; Length 22;

; Best Local Similarity 100.0%; Pred. No. 1.1e+03;

; Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; QY 2336 CCTCCCAAGTGTGGGA 2353

; Db 5 CCTCCCAAGTGTGGGA 22

RESULT 1051

US-09-936-292A-50/c

; Sequence 50, Application US/09996292A

; Publication No. US20030158403A1

; GENERAL INFORMATION:

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Maier, Martin A.

; APPLICANT: Prakash, Thazha P.

; APPLICANT: Rajeev, Kallanthottathil Gopalan

; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides

; FILE REFERENCE: ISIS-4804

; CURRENT APPLICATION NUMBER: US/09/996,292A

; CURRENT FILING DATE: 2001-09-28

; NUMBER OF SEQ ID NOS: 55

; SOFTWARE: Patent in version 3.1

; SEQ ID NO 50

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Completely synthetic sequence

; US-09-996-292A-50

Query Match 0.8%; Score 18; DB 1; Length 22;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1580 AGAGAGTGTGGAATCTAG 1597

Db 18 AGAGAGTGTGGAATCTAG 1

RESULT 1052

US-10-013-295-50/c

; Sequence 50, Application US/10013295

; Publication No. US20030175906A1

; GENERAL INFORMATION:

; APPLICANT: Manoharan, Muthiah

; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides

; FILE REFERENCE: ISIS4948

; CURRENT APPLICATION NUMBER: US/10/013,295

; CURRENT FILING DATE: 2001-12-10

; PRIOR APPLICATION NUMBER: 60/302,682

; PRIOR FILING DATE: 2001-07-03

; NUMBER OF SEQ ID NOS: 55

; SOFTWARE: Patent in version 3.1

; SEQ ID NO 50

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: No. US20030175906A1e1 Sequence

; US-10-013-295-50

Query Match 0.8%; Score 18; DB 1; Length 22;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1580 AGAGAGTGTGGAATCTAG 1597

Db 18 AGAGAGTGTGGAATCTAG 1

RESULT 1053

US-09-918-686-87/c

; Sequence 87, Application US/09918686

; Patent No. US20020076720A1

; GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary

; APPLICANT: Prohl, Sean

; APPLICANT: Paepker, Bryan

; APPLICANT: Staehling-Hampton, Karen

; TITLE OF INVENTION: METHODS FOR IDENTIFYING

; FILE REFERENCE: GENOMIC DELETIONS

; FILE REFERENCE: 240083.515

; CURRENT APPLICATION NUMBER: US/09/918,686

; CURRENT FILING DATE: 2001-07-30

; NUMBER OF SEQ ID NOS: 105

; SOFTWARE: FastSEQ for Windows Version 4.0

```
; SEQ ID NO 87
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-886-87

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTCGTGATCGCCACCT 2332
      ||||| ||||| ||||| |||||
DB 21 GACCTGTGATCGCCGCCT 1

RESULT 1054
US-10-085-906-401/c
; Sequence 401, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 401
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-401

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 CTCTGTTACCGAGCTGAGT 2134
      ||||| ||||| ||||| |||||
DB 21 CTCTGTTGCCAGGCTGAAGT 1

RESULT 1055
US-10-085-906-474/c
; Sequence 474, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 474
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-474

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2334 GGCTCTCCCAAGTGTGGAT 2354
      ||||| ||||| ||||| |||||
DB 21 GGCTCTCCCAAGTGTGAGAT 1

RESULT 1057
US-10-255-434-6
; Sequence 6, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
```

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-6

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTCC 2310
|||||
Db 1 GCCAGGCTGGTCTCGAACTCC 21

RESULT 1058

US-10-255-434-18/c
; Sequence 18, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Williams, Brett F.
; APPLICANT: Nielsen, Kirsten V.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; FEATURE:
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-18

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTCC 2310
|||||
Db 1 GCCAGGCTGGTCTCGAACTCC 1

RESULT 1059

US-10-255-434-25
; Sequence 25, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Williams, Brett F.
; APPLICANT: Nielsen, Kirsten V.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-25

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCA 2137
|||||
Db 1 TGTGCGCCAGGCTGGAGTGCA 21

RESULT 1060

US-10-353-150-87/c
; Sequence 87, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-87

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTCGTGATCGCCCACT 2332
|||||
Db 21 GACCTTGTGATCGCCCGCCT 1

RESULT 1061

US-10-298-215-10/c
; Sequence 10, Application US/10298215
; Publication No. US20040009157A1
; GENERAL INFORMATION:
; APPLICANT: Gazit, Dan
; TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
; FILE REFERENCE: P-4891-US2
; CURRENT APPLICATION NUMBER: US/10/298,215
; CURRENT FILING DATE: 2002-11-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-298-215-10

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 50 GGAAGATGGAGCAAGAGCC 70
|||||
Db 21 GGACAGATGGACCAAGAGCC 1

```
RESULT 1062
US-10-786-720-13238/c
; Sequence 13238, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13238
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13238

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2281 ACCGTGTTAGCCAGGATGGTC 2301
Db      21 AACATGTTAGCCAGGATGGTC 1

RESULT 1063
US-10-786-720-20455
; Sequence 20455, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20455
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20455

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2144 GATCTCGGCTCACTGCAAGCT 2164
Db      1 GATCTCGGCTCACTGCAACCT 21

RESULT 1064
US-10-786-720-20464
; Sequence 20464, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2352 GATTACAGGCATGAGCCACCG 2372
Db      1 GATTACAGGGGTGAGCCACTG 21

RESULT 1065
US-10-751-736-4615
; Sequence 4615, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4615
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-4615

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2341 CAAAGTGTCTGGATTACAGGC 2361
Db      1 CAAAGTGTCTGGATTACAGCC 21

RESULT 1066
US-10-751-736-42847/c
; Sequence 42847, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42847
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
```

US-10-751-736-42847

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTGACCTC 2317
DB 21 TGGTCTCAACTCTGACCTC 1

RESULT 1067

US-10-751-736-42916/c
; Sequence 42916, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42916
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42916

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2228 ATGTGCCACACACTGGCTA 2248
DB 21 ATGTGCCACACGCTGGCTA 1

RESULT 1068

US-10-436-523-23/c
; Sequence 23, Application US/10436523
; Publication No. US2003018088A1
; GENERAL INFORMATION:
; APPLICANT: Fraser, Christopher C.
; TITLE OF INVENTION: CD2000 AND CD2001 MOLECULES, AND USES THEREOF
; FILE REFERENCE: 7853-244-999
; CURRENT APPLICATION NUMBER: US/10/436,523
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US/10/007,303
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/706,167
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Abies alba
US-10-436-523-23

Query Match 0.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2185 CGATTCTCTGCTGACCTC 2205
DB 22 CGATTCTCTGCTGACCTC 2

RESULT 1069

US-09-988-626-100/c
; Sequence 100, Application US/09988626
; Publication No. US20030044959A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,626
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-626-100

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
DB 19 CCTCAGCCTCCCAATTAGC 1

RESULT 1070

US-09-988-687-100/c
; Sequence 100, Application US/09988687
; Publication No. US20030045704A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,687
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-687-100

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
|||||
Db 19 CCTCAGCCTCCCAATTAGC 1

RESULT 1071
US-09-988-686-100/c
; Sequence 100, Application US/09988686
; Publication No. US20030120052A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; TITLE OF INVENTION: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,686
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-686-100

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
|||||
Db 19 CCTCAGCCTCCCAATTAGC 1

RESULT 1072
US-10-251-598-86/c
; Sequence 86, Application US/10251598
; Publication No. US20030170668A1
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; Gershon, Elliot S.
; Badher, Judith A.
; Goldin, Lynn R.
; Berrettini, Wade H.
; Yoshikawa, Takeo
; Sanders, Alan R.
; Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/251,598

; FILING DATE: 19-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/091,952
; FILING DATE: 19-Apr-1999
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-Oct-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-Oct-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1...19
; OTHER INFORMATION: D18S378 forward primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 86:
US-10-251-598-86

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCCAGGCT 2129
|||||
Db 19 TTGCTCTGTACCCAGGCT 1

RESULT 1073
US-10-204-254A-57/c
; Sequence 57, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIKKULA, Miikka
; TITLE OF INVENTION: VMGLOM gene and its mutations causing disorders with a vascular
; FILE REFERENCE: DELCE59.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 60/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-204-254A-57
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2299 GTCTCGATCTCTGACCTC 2317

```
Db      19  GTCTCGAACTCTGACCTC 1
||||| ||||| ||||| |||||
RESULT 1074
US-10-455-552-62
; Sequence 62, Application US/10455552
; Publication No. US20040018533A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-62

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      1  CCNAGTCTGGGATTAA 19
||||| ||||| ||||| |||||
RESULT 1075
US-10-455-552-66/c
; Sequence 66, Application US/10455552
; Publication No. US20040018533A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-66

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      19  GTCTCGAACTCTGACCTC 1
||||| ||||| ||||| |||||
RESULT 1076
US-10-676-154-3/c
; Sequence 3, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-3

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      2144  GATCTTGGCTCACTGCAAG 2162
||||| ||||| ||||| |||||
RESULT 1077
US-09-898-361-95
; Sequence 95, Application US/09898361
; Publication No. US20030008732A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-95

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      2  CCTCAGCCTCCCAATGAGC 20
||||| ||||| ||||| |||||
RESULT 1078
US-09-888-361-95
; Sequence 95, Application US/09888361
```

```
QY      2343  AAGTGTGGGATTACAGGC 2361
||||| ||||| ||||| |||||
Db      19  AAGTGTGGGATTACAGGC 1
||||| ||||| ||||| |||||
RESULT 1076
US-10-676-154-3/c
; Sequence 3, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-3

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      2144  GATCTTGGCTCACTGCAAG 2162
||||| ||||| ||||| |||||
RESULT 1077
US-09-898-361-95
; Sequence 95, Application US/09898361
; Publication No. US20030008732A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-95

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      2  CCTCAGCCTCCCAATGAGC 20
||||| ||||| ||||| |||||
RESULT 1078
US-09-888-361-95
; Sequence 95, Application US/09888361
```



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; Publication No. US20030064944A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/888,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-95

Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
      |||||
DB 2 CCTCAGCCTCCCAAGTAGC 20

RESULT 1079
US-09-996-292A-51/c
; Sequence 51, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(1)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-51

Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GAAGAGAGTGTGGAATCTA 1596
      |||||
DB 20 GACGAGAGTGTGGAATCTA 2

RESULT 1080
US-09-996-292A-52/c
; Sequence 52, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
```

```
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (20)-(20)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-52

Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTAG 1597
      |||||
DB 19 ACGAGAGTGTGGAATCTAG 1

RESULT 1081
US-10-222-334-12/c
; Sequence 12, Application US/10222334
; Publication No. US20030073116A1
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Levy, Gallia
; APPLICANT: Tsai, Han-Mou
; TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
; FILE REFERENCE: UM-07288
; CURRENT APPLICATION NUMBER: US/10/222,334
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/312,834
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-222-334-12

Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTCTGTACCCA 2125
      |||||
DB 19 AGTCTTGCTCTGTACCCA 1

RESULT 1082
US-10-143-266-28/c
; Sequence 28, Application US/10143266
; Publication No. US20030108887A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
```



```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 286:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 286:
US-10-331-907-286

```

```
Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 2146 TCTTGGCTCACTGCAAGCT 2164
Db 2 TCTTGGCTCACTGCAACCT 20

```

RESULT 1087
US-10-005-344-331/c
; Sequence 331, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 331
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-331

```

Qy 696 CTTGAAGGTGGAGTGATC 714
Db 19 CCTGAAGGTGGAGTGATC 1

```

RESULT 1088
US-10-005-344-334/c
; Sequence 334, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005.344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 334
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-334

```

Qy	802	CAATTAGTGACAGAGA	820
Db	19	CCATTAGTGACAGAGA	1

```

RESULT 1089
US-10-648-593-516/c
; Sequence 516, Application US/10648593
; Publication No. US20040106132A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; TITLE OF INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 516
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-648-593-516

Query Match          0.7%   Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2197 CTCAGCCTCCCAATTAGCT 2215
      |||

```

Qy 2197 CTCAGCCTCCCAATTAGCT 2215

; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 515
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-515

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCCTCC 2206
Db 20 TTCTCCGCTCAGCCTCC 2

RESULT 1095
US-10-671-395-667/c
; Sequence 667, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 667
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-667

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2101 AGACCGAGTCTGCTCTGT 2119
Db 19 AGACAGAGTCTGCTCTGT 1

RESULT 1096
US-10-671-395-678/c
; Sequence 678, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 678
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial

; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-678

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCCGCTCAGCCTC 2205
Db 19 ATTCTCCGCTCAGCCTC 1

RESULT 1097
US-10-671-395-1112/c
; Sequence 1112, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1112

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2102 GACCGAGTCTGCTCTGT 2120
Db 20 GACAGAGTCTGCTCTGT 2

RESULT 1098
US-10-671-395-1432/c
; Sequence 1432, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1432
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1432

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2254 TTGTACTTTTAGTAGAC 2272
Db 20 TTTGATTTTAGTAGAC 2

RESULT 1099
US-10-671-395-1544/c
; Sequence 582, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671.395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 1544
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1544

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2251 TTTTGTACTTTTAGTAGA 2269
Db 19 TTTTGTATTTTAGTAGA 1

RESULT 1100
US-10-731-739-582/c
; Sequence 582, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731.739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319.
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-582

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTACCC 2124
```

```
Db 19 GAGTCTTGCTCTGTACCC 1

RESULT 1101
US-10-477-238A-582/c
; Sequence 582, Application US/10477238A
; Publication No. US20040221326A1
; GENERAL INFORMATION:
; APPLICANT: BabiJ, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-582

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTACCC 2124
Db 19 GAGTCTTGCTCTGTACCC 1

RESULT 1102
US-10-680-287A-582/c
; Sequence 582, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: BabiJ, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-287A-582
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Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTGCTGTACCC 2124
|||||
Db 19 GAGTCTTGCTGCTGTACCC 1

RESULT 1103

US-10-476-991-18
; Sequence 18, Application US/10476991
; Publication No. US20040248297A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI
; FILE REFERENCE: (CA2+INDEPENDENT) EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/476,991
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: 09/851,896
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-991-18

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2334 GGCTCTCCCAAGTGTGGG 2352
|||||
Db 2 GGCTCTCCCAAGTGTGGG 20

RESULT 1104

US-10-890-685-28/c
; Sequence 28, Application US/10890685
; Publication No. US20050003426A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/890,685
; CURRENT FILING DATE: 2004-07-14
; PRIOR APPLICATION NUMBER: US/10/143,266
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-890-685-28

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTGCTGTACCC 2124
|||||
Db 19 GAGTCTTGCTGCTGTACCC 1

RESULT 1105

US-10-374-077-28/c
; Sequence 28, Application US/10374077
; Publication No. US20040006779A1
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/10/374,077
; FILING DATE: 25-Feb-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Rosennan, Stephen
; REGISTRATION NUMBER: 43,058
; REFERENCE/DOCKET NUMBER: 100107.401D1
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-374-077-28

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2294 GGATGCTTCGATCTCCTG 2312
|||||
Db 21 GGATGCTTCGAACTCCTG 3

RESULT 1106

US-10-786-720-13163/c
; Sequence 13163, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
US-10-786-720-13163

; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13163
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13163

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGGA 2296
Db 19 TTCACCATGTTAGCCAGGA 1

RESULT 1107

US-10-786-720-13241/c
; Sequence 13241, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13241
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13241

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2281 ACCGTGTTAGCCAGGATGG 2299
Db 19 ACCATGTTAGCCAGGATGG 1

RESULT 1108

US-10-786-720-13247/c
; Sequence 13247, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13247
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13247

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2179 TTCGCACCATTCCTCGCC 2197
Db 19 TTCACACCATTCCTCGCC 1

RESULT 1109

US-10-786-720-14252
; Sequence 14252, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14252
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-14252

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.1e+03;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2354 TTACAGCGATGACCCACCG 2372
Db 1 UTACAGCGGUGACCCACCG 19

RESULT 1110

US-10-786-720-20170/c
; Sequence 20170, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20170
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20170

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2354 TTACAGCGATGACCCACCG 2372
Db 21 TTACAGCGATGACCCACTG 3

RESULT 1111

US-10-786-720-20172
; Sequence 20172, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth


```
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20172
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20172

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.1e+03;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2354 TTACAGGCATGAGCCACCG 2372
   :|||||:|||||
Db 1 UUACAGGCAGGACGACUG 19

RESULT 1112
US-10-786-720-20231
; Sequence 20231, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20231
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20231

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.1e+03;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGAGTGCACTG 2140
   |||||:|||||
Db 1 CCUAGGCGGAGUGACUG 19

RESULT 1113
US-10-751-736-42413/c
; Sequence 42413, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42413
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; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-42413

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2232 GCCACCACACCTGGCTAAT 2250
   |||||:|||||
Db 19 GCCACCACCGCTGGCTAAT 1

RESULT 1114
US-10-751-736-42416/c
; Sequence 42416, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42416
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-42416

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2231 TGCCACCACACCTGGCTAA 2249
   |||||:|||||
Db 19 TGCCACCACCGCTGGCTAA 1

RESULT 1115
US-10-467-019-13
; Sequence 13, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1e1 Physioloical Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467,019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-026820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, hbv8-WR primer
US-10-467-019-13

Query Match      0.7%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 TCTTCACATTGGTTTCTA 774
```

```
Db      2 TATTCACATTGGTTCTA 20
|||||
RESULT 1116
US-09-764-891-5536/c
; Sequence 5536, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5536
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5536
Query Match      0.7%; Score 17.4; DB 1; Length 87;
Best Local Similarity 62.8%; Pred. No. 7.3e+02;
Matches 27; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY      2315 CTCGTGATCCGCCACCTCGCCCTCCCAAGTCTGGGATTAC 2357
|||||
Db      81 CTTGTAATTCAGCACTTTGGGAGGCCAAAGTGGCGGATCAC 39
|||||

RESULT 1117
US-09-764-891-5537/c
; Sequence 5537, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5537
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5537
Query Match      0.7%; Score 17.4; DB 1; Length 87;
Best Local Similarity 62.8%; Pred. No. 7.3e+02;
Matches 27; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY      2315 CTCGTGATCCGCCACCTCGCCCTCCCAAGTCTGGGATTAC 2357
|||||
Db      81 CTTGTAATTCAGCACTTTGGGAGGCCAAAGTGGCGGATCAC 39
|||||

RESULT 1118
US-10-075-425-28/c
; Sequence 28, Application US/10075425
; Publication No. US20020150939A1
; GENERAL INFORMATION:
; APPLICANT: Taylor, Kent D.
; APPLICANT: Yang, Huiying
; APPLICANT: Yang, Huiying
; TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex
; TITLE OF INVENTION: Class III Haplotype To Diagnose Crohn's Disease
; FILE REFERENCE: P-CE 3639
; CURRENT APPLICATION NUMBER: US/10/075,425
; CURRENT FILING DATE: 2002-02-12

; PRIOR APPLICATION NUMBER: US/09/395,345
; PRIOR FILING DATE: 1999-09-13
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-075-425-28
Query Match      0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2115 TCTGTTACCCAGGCTGGAGTGC 2136
|||||
Db      22 TCTGTGGCTAGGCTGGAGTGC 1
|||||

RESULT 1119
US-10-210-130-308
; Sequence 308, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Smithson, Glennda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khrantsov, Nikolai V.
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agee, Michele L.
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Chant, John S.
; APPLICANT: DiPippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Basha A.
; APPLICANT: Giot, Loic
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjalt, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Elina
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
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; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 308
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-308

Query Match      0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1209 GTCGACTATTGGAATGCACTT 1230
Db 1 GCTGAGTTTGGAAATGAAC TT 22

RESULT 1120
US-10-655-579-35/c
; Sequence 35, Application US/10655579
; Publication No. US20040126789A1
; GENERAL INFORMATION:
; APPLICANT: Park, Kyusung
; APPLICANT: Lee, Jun E
; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
; FILE REFERENCE: 0942.5580002
; CURRENT APPLICATION NUMBER: US/10/655,579
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/408,609
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 60/427,867
; PRIOR FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Tms1-44, reverse primer
US-10-655-579-35

Query Match      0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2148 TTGGCTCACTCAAGCTCTGCC 2169
Db 22 TTGGCTCACTGAGCCTCTGCC 1

```

```
QY 2313 ACCTCGTATCGCCCACTCG 2334
Db 22 ACCTCATGATCCACCCGCTCG 1

RESULT 1123
US-10-483-958-24/c
; Sequence 24, Application US/10483958
; Publication No. US20040254363A1
; GENERAL INFORMATION:
; APPLICANT: PRICE FOUNDATION LIMITED
; APPLICANT: YEAGER, Meredith
; APPLICANT: BERGEN, Andrew W.
; TITLE OF INVENTION: GENES AND SNPs ASSOCIATED WITH EATING DISORDERS
; FILE REFERENCE: 53061-5005-US
; CURRENT APPLICATION NUMBER: US/10/483,958
; PRIOR FILING DATE: 2004-01-16
; PRIOR APPLICATION NUMBER: PCT/US02/22555
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US 60/305,153
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: US 60/306,440
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/331,285
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/340,843
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: US 60/340,844
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: HTR1D sequencing primer
US-10-483-958-24

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2185 CCATCTCTCTGCTCAGCTCC 2206
Db 22 CGATTGCTCTGCTCAGTCTCC 1

RESULT 1124
US-09-242-772-1/c
; Sequence 1, Application US/09242772
; Publication No. US20020009720A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie
; TITLE OF INVENTION: PLAG gene family and tumorigenesis
; FILE REFERENCE: VIB-011-US
; CURRENT APPLICATION NUMBER: US/09/242,772
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: EP 96202229.6
; PRIOR FILING DATE: 1996-08-22
; PRIOR APPLICATION NUMBER: EP 97200130.9
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: PCT/EP97/04759
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer

QY 2313 ACCTCGTATCGCCCACTCG 2334
Db 22 ACCTCATGATCCACCCGCTCG 1

Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAG 2138
Db 17 CCCAGGCTGGAGTGCAG 1

RESULT 1125
US-09-902-214-75
; Sequence 75, Application US/09902214
; Publication No. US20030104521A1
; GENERAL INFORMATION:
; APPLICANT: Whittaker, Paul Andrew
; TITLE OF INVENTION: Disease-Associated Gene
; FILE REFERENCE: 4-31503A/HO31
; CURRENT APPLICATION NUMBER: US/09/902,214
; CURRENT FILING DATE: 2001-07-10
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 75
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-902-214-75

Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2312 GACCTCGTATCGGCC 2328
Db 1 GACCTCGTATCGGCC 17

RESULT 1126
US-10-156-306-574
; Sequence 574, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-156-306-574

Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2331 CTCGGCCTCCCAAGTG 2347
Db 1 CUCGGCCUCCCAAGUG 17

RESULT 1127
US-10-156-306-1672
; Sequence 1672, Application US/10156306
```

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1672

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-1672

Query Match 0.7%; Score 17; DB 1; Length 17;

Best Local Similarity 70.6%; Pred. No. 1.2e+03;

Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 2189 TCTCGCTCCAGCTCC 2205

:|:|:|:|:|:|:|:|:|

Db 1 UCUCUGCCUCAGCCUC 17

RESULT 1128

US-10-156-306-1673

; Sequence 1673, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1673

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-1673

Query Match 0.7%; Score 17; DB 1; Length 17;

Best Local Similarity 76.5%; Pred. No. 1.2e+03;

Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2190 CTCCTGCTCCAGCTCC 2206

:|:|:|:|:|:|:|:|:|

Db 1 CUCUCGCCUCAGCCUC 17

RESULT 1129

US-10-156-306-1713

; Sequence 1713, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1713

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-1713

Query Match 0.7%; Score 17; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.2e+03;

Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2330 CCGCGCTCCCAAGT 2346

:|:|:|:|:|:|:|:|:|

Db 1 CCUCGCCUCCCAAGU 17

RESULT 1130

US-10-156-306-1714

; Sequence 1714, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1714

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-1714

Query Match 0.7%; Score 17; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.2e+03;

Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2332 TCGGCTCCCAAGTGC 2348

:|:|:|:|:|:|:|:|:|

Db 1 UCGGCCUCCCAAGUGC 17

RESULT 1131

US-10-156-306-1715

; Sequence 1715, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1715

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-1715

Query Match 0.7%; Score 17; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.2e+03;

Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2333 CGGCTCCCAAGTGTCT 2349

:|:|:|:|:|:|:|:|:|

Db 1 CGGCCUCCCAAGUGC 17

RESULT 1132

US-10-156-306-1716

; Sequence 1716, Application US/10156306

; Publication No. US20030119017A1

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1716
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1716

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGTG 2350
      |||||:|||||:|
Db 1 GGCCTCCCAAGTGTG 17

RESULT 1133
US-10-156-306-1717
; Sequence 1717, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1717

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATAC 2357
      |||||:|||||:|
Db 1 CAAAGTCTGGGATAC 17

RESULT 1134
US-10-156-306-2399
; Sequence 2399, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2399
```

```
Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.2e+03;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCC 2203
      ||::|||:|||||
Db 1 AUUCUCCUGCCUCAGCC 17

RESULT 1135
US-10-156-306-2416
; Sequence 2416, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2416
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2416
```

```
Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2337 CTCCCAAGTGTGGGA 2353
      |||||:|||||
Db 1 CUCCCAAGUGCUGGGA 17

RESULT 1136
US-10-156-306-2417
; Sequence 2417, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2417
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2417
```

```
Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2339 CCCAAAGTGTGGGAT 2355
      |||||:|||||
Db 1 CCCAAAGUGCUGGAU 17

RESULT 1137
US-10-156-306-3796
; Sequence 3796, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3796
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3796

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

OY 2342 AAAGTGTGGGATTACAG 2358
||||:||||:||||:
Db 1 AAAGUGUGGGAUUAACA 17

RESULT 1138
US-10-156-306-3797
; Sequence 3797, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3797
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3797

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

OY 2343 AAGTGTGGGATTACAG 2359
||||:||||:||||:
Db 1 AAGUGUGGGAUUAACAG 17

RESULT 1139
US-10-156-306-3798
; Sequence 3798, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3798
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3798
```

```
Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

OY 2344 AGTGTGGGATTACAGG 2360
||||:||||:||||:
Db 1 AGUGUGGGAUUAACAGG 17

RESULT 1140
US-10-255-434-10/c
; Sequence 10, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-10

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2191 TCCTGCCTCAGCCTCCC 2207
||||:||||:||||:
Db 17 TCCTGCCTCAGCCTCCC 1

RESULT 1141
US-10-255-434-22
; Sequence 22, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-22
```

```
Query Match          0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCTGCTCAGCCTCC 2207
DB 1 TCTGCTCAGCCTCC 17

RESULT 1142
US-10-339-782-391
; Sequence 391, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 391
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-391

Query Match          0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2320 GATCGGCCACTCGGC 2336
DB 1 GATCGGCCACTCGGC 17

RESULT 1143
US-10-400-382-164/c
; Sequence 164, Application US/10400382
; Publication No. US20030190659A1
; GENERAL INFORMATION:
; APPLICANT: LaCasse, Eric
; APPLICANT: McManus, Daniel
; APPLICANT: Durkin, Jonathan P.
; TITLE OF INVENTION: Antisense IAP Nucleobase Oligomers and
; FILE REFERENCE: 07891/025004
; CURRENT APPLICATION NUMBER: US/10/400,382
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/367,853
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 164
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION:
US-10-400-382-164

Query Match          0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

US-10-400-382-164
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QY 2189 TCTCTGCTCAGCCTCC 2206
DB 19 TCTCTGCTCAGCCTCC 2

RESULT 1144
US-10-282-174-135
; Sequence 135, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertram, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-282-174-135

Query Match          0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2287 TTAGCCAGGATGCTCTC 2303
DB 1 TTAGCCAGGATGCTCTC 17

RESULT 1145
US-09-863-806-155/c
; Sequence 155, Application US/09863806
; Publication No. US20020197608A1
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
```


COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 155:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 155:
US-09-863-806-155

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2125 AGCGTGGAGTGCAGTGG 2141
DB 20 AGCGTGGAGTGCAGTGG 4

RESULT 1146
US-09-949-427-209
Sequence 209, Application US/09949427
Publication No. US20030054418A1
GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Aurobindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusis, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Tafuri, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
FILE REFERENCE: 02810.0014.NPUS02
CURRENT APPLICATION NUMBER: US/09/949,427
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 209
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-949-427-209

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAGTGTGGGATTA 2356
DB 4 CCAAGTGTGGGATTA 20

RESULT 1147
US-09-949-428-209
Sequence 209, Application US/09949428
Publication No. US20030064372A1
GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Aurobindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusis, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Tafuri, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
FILE REFERENCE: 02810.0014.NPUS01
CURRENT APPLICATION NUMBER: US/09/949,428
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 209
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-949-428-209

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAGTGTGGGATTA 2356
DB 4 CCAAGTGTGGGATTA 20

RESULT 1148
US-10-181-177-94/c
Sequence 94, Application US/10181177
Publication No. US20030083296A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
FILE REFERENCE: RTSP-0334
CURRENT APPLICATION NUMBER: US/10/181,177
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: PCT/US01/00955
PRIOR FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 09/487,445
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-94

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2125 AGCGTGGAGTGCAGTGG 2141

DB	SEQ ID	SEQUENCE	SCORE	DB 1	DB 2	DB 3	DB 4	DB 5	DB 6	DB 7	DB 8	DB 9	DB 10	DB 11	DB 12	DB 13	DB 14	DB 15	DB 16	DB 17	DB 18	DB 19	DB 20	DB 21	DB 22	DB 23	DB 24	DB 25	DB 26	DB 27	DB 28	DB 29	DB 30	DB 31	DB 32	DB 33	DB 34	DB 35	DB 36	DB 37	DB 38	DB 39	DB 40	DB 41	DB 42	DB 43	DB 44	DB 45	DB 46	DB 47	DB 48	DB 49	DB 50	DB 51	DB 52	DB 53	DB 54	DB 55	DB 56	DB 57	DB 58	DB 59	DB 60	DB 61	DB 62	DB 63	DB 64	DB 65	DB 66	DB 67	DB 68	DB 69	DB 70	DB 71	DB 72	DB 73	DB 74	DB 75	DB 76	DB 77	DB 78	DB 79	DB 80	DB 81	DB 82	DB 83	DB 84	DB 85	DB 86	DB 87	DB 88	DB 89	DB 90	DB 91	DB 92	DB 93	DB 94	DB 95	DB 96	DB 97	DB 98	DB 99	DB 100	DB 101	DB 102	DB 103	DB 104	DB 105	DB 106	DB 107	DB 108	DB 109	DB 110	DB 111	DB 112	DB 113	DB 114	DB 115	DB 116	DB 117	DB 118	DB 119	DB 120	DB 121	DB 122	DB 123	DB 124	DB 125	DB 126	DB 127	DB 128	DB 129	DB 130	DB 131	DB 132	DB 133	DB 134	DB 135	DB 136	DB 137	DB 138	DB 139	DB 140	DB 141	DB 142	DB 143	DB 144	DB 145	DB 146	DB 147	DB 148	DB 149	DB 150	DB 151	DB 152	DB 153	DB 154	DB 155	DB 156	DB 157	DB 158	DB 159	DB 160	DB 161	DB 162	DB 163	DB 164	DB 165	DB 166	DB 167	DB 168	DB 169	DB 170	DB 171	DB 172	DB 173	DB 174	DB 175	DB 176	DB 177	DB 178	DB 179	DB 180	DB 181	DB 182	DB 183	DB 184	DB 185	DB 186	DB 187	DB 188	DB 189	DB 190	DB 191	DB 192	DB 193	DB 194	DB 195	DB 196	DB 197	DB 198	DB 199	DB 200	DB 201	DB 202	DB 203	DB 204	DB 205	DB 206	DB 207	DB 208	DB 209	DB 210	DB 211	DB 212	DB 213	DB 214	DB 215	DB 216	DB 217	DB 218	DB 219	DB 220	DB 221	DB 222	DB 223	DB 224	DB 225	DB 226	DB 227	DB 228	DB 229	DB 230	DB 231	DB 232	DB 233	DB 234	DB 235	DB 236	DB 237	DB 238	DB 239	DB 240	DB 241	DB 242	DB 243	DB 244	DB 245	DB 246	DB 247	DB 248	DB 249	DB 250	DB 251	DB 252	DB 253	DB 254	DB 255	DB 256	DB 257	DB 258	DB 259	DB 260	DB 261	DB 262	DB 263	DB 264	DB 265	DB 266	DB 267	DB 268	DB 269	DB 270	DB 271	DB 272	DB 273	DB 274	DB 275	DB 276	DB 277	DB 278	DB 279	DB 280	DB 281	DB 282	DB 283	DB 284	DB 285	DB 286	DB 287	DB 288	DB 289	DB 290	DB 291	DB 292	DB 293	DB 294	DB 295	DB 296	DB 297	DB 298	DB 299	DB 300	DB 301	DB 302	DB 303	DB 304	DB 305	DB 306	DB 307	DB 308	DB 309	DB 310	DB 311	DB 312	DB 313	DB 314	DB 315	DB 316	DB 317	DB 318	DB 319	DB 320	DB 321	DB 322	DB 323	DB 324	DB 325	DB 326	DB 327	DB 328	DB 329	DB 330	DB 331	DB 332	DB 333	DB 334	DB 335	DB 336	DB 337	DB 338	DB 339	DB 340	DB 341	DB 342	DB 343	DB 344	DB 345	DB 346	DB 347	DB 348	DB 349	DB 350	DB 351	DB 352	DB 353	DB 354	DB 355	DB 356	DB 357	DB 358	DB 359	DB 360	DB 361	DB 362	DB 363	DB 364	DB 365	DB 366	DB 367	DB 368	DB 369	DB 370	DB 371	DB 372	DB 373	DB 374	DB 375	DB 376	DB 377	DB 378	DB 379	DB 380	DB 381	DB 382	DB 383	DB 384	DB 385	DB 386	DB 387	DB 388	DB 389	DB 390	DB 391	DB 392	DB 393	DB 394	DB 395	DB 396	DB 397	DB 398	DB 399	DB 400	DB 401	DB 402	DB 403	DB 404	DB 405	DB 406	DB 407	DB 408	DB 409	DB 410	DB 411	DB 412	DB 413	DB 414	DB 415	DB 416	DB 41
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```
US-10-786-720-20620
Query Match          0.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2355 TACAGGCATGAGCCACC 2371
|||||
Db 1 TACAGGCATGAGCCACC 17

RESULT 1154
US-10-786-720-20626
; Sequence 20626, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20626
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20626

Query Match          0.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTGG 2141
|||||
Db 2 AGGCTGGAGTGCAGTGG 18

RESULT 1155
US-10-786-720-20628/c
; Sequence 20628, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20628
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20628

Query Match          0.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTGG 2141
|||||
Db 20 AGGCTGGAGTGCAGTGG 4

RESULT 1156
US-09-752-983-26/c
; Sequence 26, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
US-09-752-983-26

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
|||||
Db 20 TTTACATGTATAAAGAAGCT 1

RESULT 1157
US-09-923-517-25
; Sequence 25, Application US/09923517
; Publication No. US20020039741A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
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; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517
; FILING DATE: 07-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-923-517-25

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACTCGGCTCCCAAAG 2345
DB 1 CCTGCTCGGCTCCCAAAG 20

RESULT 1158
US-09-800-631-24/c
; Sequence 24, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-24

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2193 CTGCTCAGCTCCCAATTA 2212
DB 20 CTGCTCAGCTCCCGAGTA 1

RESULT 1159
US-09-745-605-16/c
; Sequence 16, Application US/09745605
; Patent No. US20020123617A1
; GENERAL INFORMATION:
; APPLICANT: Starling, Gary C.
; APPLICANT: Finger, Joshua N.
```

```
; TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2,
; TITLE OF INVENTION: AND APEX-3 AND USES THEREOF
; FILE REFERENCE: DB13NP
; CURRENT APPLICATION NUMBER: US/09/745,605
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/172,025
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: JNF14 PRIMER
US-09-745-605-16

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGAGCCA 2369
DB 20 GGGATTACAGGTGTGAGCCA 1

RESULT 1160
US-09-263-959-1091
; Sequence 1091, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1091:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1091

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2344 AGTGCTGGATTACAGGCAT 2363
DB 1 AGTGCTGGATTACAGGCAT 1
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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-09-863-806-135

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCCAGGCT 2129
DB 20 CTTGCTTTGTACCCAGGCT 1

RESULT 1164
US-09-920-671-81
; Sequence 81, Application US/09920671
; Publication No. US20030083283A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF COREST EXPRESSION
; FILE REFERENCE: RTS-0297
; CURRENT APPLICATION NUMBER: US/09/920,671
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-671-81

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2336 CTTCCCAAGTGTGGGATT 2355
DB 1 CTTCCCAAGTGCCAGGATT 20

RESULT 1165
US-09-541-848-25/c
; Sequence 25, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-541-848-25

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
DB 20 GTGAGTAAGACAAAGTGTCA 1

RESULT 1166
US-09-908-147-94/c
; Sequence 94, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-94

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2150 GGCTCACTGCAGCTCTGCC 2169
DB 20 GGTTCACTGCACCTCTGCC 1

RESULT 1167
US-10-181-177-95/c
; Sequence 95, Application US/10181177
; Publication No. US20030083296A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTSP-0334
; CURRENT APPLICATION NUMBER: US/10/181,177
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: PCT/US01/00955
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/487,445
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-95

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCAAGC 2163
DB 20 GATCTCGCTCACCGCAAGC 1

RESULT 1168

US-10-293-783-24/c
; Sequence 24, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPRESSION
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-24

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2193 CTGCCTCAGCTCCCAATTA 2212
|||||
Db 20 CTGCCTCAGCTCCCGATTA 1

RESULT 1169
US-10-430-196-25
; Sequence 25, Application US/10430196
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/430,196
; FILING DATE: 05-May-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517A
; FILING DATE: 07-Aug-2001
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-430-196-25

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAG 2345
|||||
Db 1 CCTGCTCGGCTCCCAAG 20

RESULT 1170
US-10-005-344-26/c
; Sequence 26, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-26

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTCATCTGCAAGAGCT 1714
|||||
Db 20 TTTCATGTATAAGAGCT 1

RESULT 1171
US-10-005-344-328/c
; Sequence 328, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 328
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-328

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 602 GAAATATATACCATGATCT 621
|||||
Db 20 GAAATATATGCAATGATCT 1

RESULT 1172

US-10-005-344-330/c
; Sequence 330, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 330

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-330

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 691 GTCACCTTGAAGTGGGAGT 710
|||||
Db 20 GTCAGCCTGAAGTGGGAGT 1

RESULT 1173

US-10-005-344-333/c
; Sequence 333, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 333
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-333

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 771 TCTAGACCATCTACCTCATC 790
|||||
Db 20 TCTAGACTGTCTACCTCATC 1

RESULT 1174

US-10-005-344-343/c
; Sequence 343, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 343

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-343

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 TGAAGTTGAATCTCTGACT 1077
|||||
Db 20 TGAAGTTGAGTCTCTGACT 1

RESULT 1175

US-10-005-344-352/c
; Sequence 352, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 352
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-352

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAGCT 1714
Db 20 TTCACGTGTGCAAGAAGCT 1

RESULT 1176

US-10-005-344-354/c
; Sequence 354, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 354
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-354

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1728 AAGCCCTGCCAGTATGTAG 1747
Db 20 AAGCCCTGCCAGTGTGAG 1

RESULT 1177

US-10-148-355A-70/c

; Sequence 70, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsebert
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-70

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2272 CAGGGTTTCACCGTGTAGC 2291
Db 20 CGGGGTTTCACCGTGTGC 1

RESULT 1178

US-10-148-355A-72/c
; Sequence 72, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsebert
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-72

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 CGGCCACCTCGGCTCCCA 2342
Db 20 CCACCCCACTCGGCTCCCA 1

RESULT 1179

US-10-181-875-73/c
; Sequence 73, Application US/10181875
; Publication No. US2003021633A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler

```
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION
; FILE REFERENCE: RTSP-0356
; CURRENT APPLICATION NUMBER: US/10/181,875
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: 09/488,856
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-875-73

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2346 TCCTGGATTACAGGCATGA 2365
      |||||
Db 20 TCCTGGATTACAGGGTGA 1

RESULT 1180
US-10-401-194-5
; Sequence 5, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Bertin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MP102-041P1RNM
; CURRENT APPLICATION NUMBER: US/10/401,194
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/368,184
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-5

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2337 CTCCTCAAGTCTGGGATTA 2356
      |||||
Db 1 CTCCTCAAGTCTGGGATTA 20

RESULT 1181
US-10-388-263-672/c
; Sequence 672, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowbert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
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; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 672
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-672

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2193 CTGCCTCAGCCTCCCAATTA 2212
      |||||
Db 20 CTGCCTCAGCCTCCCGAGTA 1

RESULT 1182
US-10-187-659A-13/c
; Sequence 13, Application US/10187659A
; Publication No. US20040002152A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF P2K4 EXPRESSION
; FILE REFERENCE: RTS-0379
; CURRENT APPLICATION NUMBER: US/10/187,659A
; CURRENT FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-187-659A-13

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTA 2358
      |||||
Db 20 CGCAAGTCTGGGATGACA 1

RESULT 1183
US-10-199-676-38
; Sequence 38, Application US/10199676
; Publication No. US20040014051A1
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
; FILE REFERENCE: PTS-0017
; CURRENT APPLICATION NUMBER: US/10/199,676
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-676-38

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
```

```
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 CTCTGTACCCAGGCTGGAG 2133
      ||||| ||||| ||||| |||||
Db 1 CTCTGTCCCGCAGGCTGGAG 20

RESULT 1184
US-10-199-676-74/c
; Sequence 74, Application US/10199676
; Publication No. US20040014051A1
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; TITLE OF INVENTION: Kenneth W. Dobie
; FILE REFERENCE: PTS-0017
; CURRENT APPLICATION NUMBER: US/10/199,676
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-199-676-74.

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 CTCTGTACCCAGGCTGGAG 2133
      ||||| ||||| ||||| |||||
Db 20 CTCTGTCCCGCAGGCTGGAG 1

RESULT 1185
US-10-728-509-94/c
; Sequence 94, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-94

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2150 GGCTCACTGCAAGCTCTGCC 2169
      ||||| ||||| ||||| |||||
Db 20 GGTTCACTGCAACTCTGTGCC 1

RESULT 1186
US-10-627-757-19
; Sequence 19, Application US/10627757
; Publication No. US20040091914A1
; GENERAL INFORMATION:
; APPLICANT: KOUCHI YASUHIRO
; APPLICANT: MASASGO AKINORI
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; APPLICANT: TAKAHATI TAKAYUKI
; TITLE OF INVENTION: GENE ASSAY METHOD FOR PREDICTING GLAUCOMA ONSET RISK
; FILE REFERENCE: Q76319
; CURRENT APPLICATION NUMBER: US/10/627,757
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: JP P2002-226612
; PRIOR FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Designed DNA based on OPTN gene
US-10-627-757-19

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2229 TCTGCCACCCACCTGGCTA 2248
      ||||| ||||| ||||| |||||
Db 1 TGTGCCACTACACCTGGCTA 20

RESULT 1187
US-10-300-424-19
; Sequence 19, Application US/10300424
; Publication No. US20040096835A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
; FILE REFERENCE: RTS-0437
; CURRENT APPLICATION NUMBER: US/10/300,424
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 129
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-424-19

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2350 GGGATTACAGCATGAGCCA 2369
      ||||| ||||| ||||| |||||
Db 1 GGGATTCCAGTCATGAGCCA 20

RESULT 1188
US-10-304-107-81
; Sequence 81, Application US/10304107
; Publication No. US20040101855A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR BINDING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0433
; CURRENT APPLICATION NUMBER: US/10/304,107
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-107-81
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Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTACCGTG 2286
|||||
Db 1 AGAGACAGGGTTTACCTTG 20

RESULT 1189

US-10-303-325-83
; Sequence 83, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 83
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-83

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2147 CTGGCTCACTGCAAGCTCT 2166
|||||
Db 1 CTGGCTCACTGCAACTCT 20

RESULT 1190

US-10-303-325-149/c
; Sequence 149, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 149
; TYPE: DNA
; LENGTH: 20
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-325-149

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2147 CTGGCTCACTGCAAGCTCT 2166
|||||
Db 20 CTGGCTCACTGCAACTCT 1

RESULT 1191

US-10-315-474-88/c
; Sequence 88, Application US/10315474
; Publication No. US20040110139A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0338
; CURRENT APPLICATION NUMBER: US/10/315,474
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-474-88

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2277 TTTCACCGTGTAGCCAGGA 2296
|||||
Db 20 TTTCACGTGTAGCCAGGA 1

RESULT 1192

US-10-316-516-64
; Sequence 64, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-64

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGCGGTGAG 2366
|||||
Db 1 GCTAGATTACAGCGGTGAG 20

RESULT 1193

US-10-316-516-121/c
; Sequence 121, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-316-516-121

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGGCATGAG 2366

Db 20 GCTAGGATTACAGGCGTGAG 1

RESULT 1194

US-10-671-395-609/c
; Sequence 609, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 609
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-609

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2104 CCAGTCTTCTGCTGTACC 2123

Db 20 CAGAGTCTTCTGTGTGCC 1

RESULT 1195

US-10-671-395-752/c
; Sequence 752, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 752
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-752

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2108 GTCTTGCTCTGTACCCAGG 2127

Db 20 GTCTTGCTCTGTGTGCCAAG 1

RESULT 1196

US-10-671-395-809/c
; Sequence 809, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 809
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-809

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 ACCGAGTCTTGTCTCTTAC 2122

Db 20 ACAGAGTCTTGTCTCTGTGC 1

RESULT 1197

US-10-671-395-829/c
; Sequence 829, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 829
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-829

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2185 CCATTCTCTGCTCAGCCT 2204

Db 20 CGATTCTCCGCTCAGCCT 1

RESULT 1198

US-10-671-395-948/c
; Sequence 948, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 948
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-948

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2109 TCTGCTCTGTATCCAGGC 2128
Db 20 TCTGCTCTGTATCCAGGC 1

RESULT 1199
US-10-671-395-950/c
; Sequence 950, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 950
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-950

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTGCAGTGG 2141
Db 20 CCCAGCTGGAGTGCAGTGG 1

RESULT 1200
US-10-671-395-1041/c
; Sequence 1041, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
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; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1041
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1041

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2112 TGCTCTGTATCCAGGCTGG 2131
Db 20 TGCTCTGTATCCAGGCTGG 1

RESULT 1201
US-10-671-395-1101/c
; Sequence 1101, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1101

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2113 GCTCTGTATCCAGGCTGGA 2132
Db 20 GCTCTGTATCCAGGCTGGA 1

RESULT 1202
US-10-671-395-1167/c
; Sequence 1167, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1167
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1167

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTGCTCTGTATCCAGGCT 2129
|||||
DB 20 CTGCTCTGTGCCAAGCT 1

RESULT 1203

US-10-671-395-1231/c
; Sequence 1231, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1231
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1231

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTATCCAGGCTG 2130
|||||
DB 20 TTGCTCTGTGCCAAGCTG 1

RESULT 1204

US-10-671-395-1323/c
; Sequence 1323, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1323
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1323

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 CTCTGTATCCAGGCTGGAG 2133
|||||
DB 20 CTCTGTGCCAAGCTGGAG 1

RESULT 1205

US-10-671-395-1391/c
; Sequence 1391, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1391
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1391

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAG 2345
|||||
DB 20 CCGGCTCGGCTCCCAAG 1

RESULT 1206

US-10-671-395-1417/c
; Sequence 1417, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1417
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1417

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2255 TGTACTTTTAGTAGACAG 2274
|||||
DB 20 TGTATTTTAGTAGACGG 1

RESULT 1207

US-10-671-395-1433/c

; Sequence 1433, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1433
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1433

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCCGACCTC 2317
|||||
DB 20 GGTCTCGAATCTCTGGCCTC 1

RESULT 1208

US-10-671-395-1507/c
; Sequence 1507, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1507
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1507

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2256 GTACTTTTAGTAGACAGG 2275
|||||
DB 20 GTATTTTAGTAGACGGG 1

RESULT 1209

US-10-671-395-1549/c
; Sequence 1549, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2

; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1549
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1549

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2116 CTGTTACCCAGCTGGAGTG 2135
|||||
DB 20 CTGTTGCCCAAGCTGGAGTG 1

RESULT 1210

US-10-671-395-1567/c
; Sequence 1567, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1567
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1567

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGT 2134
|||||
DB 20 TCTGTTGCCCAAGCTGGAGT 1

RESULT 1211

US-10-671-395-1573/c
; Sequence 1573, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1573

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1573

Query Match

Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2249 AATTTTGTACTTTTAGTAG 2268

Db 20 AATTTTGTACTTTTAGTAG 1

RESULT 1212

US-10-671-395-1656/c

; Sequence 1656, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; FILE OF INVENTION: EXPRESSION

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1656

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1656

Query Match

Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2293 AGGATGCTCGATCTCCTG 2312

Db 20 AGGAGGGTCTCGAACTCTG 1

RESULT 1213

US-10-671-395-1729/c

; Sequence 1729, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; FILE OF INVENTION: EXPRESSION

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1729

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1729

Query Match

Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2291 CCAGGATGCTCGATCTCC 2310

Db 20 CCAGGAGGGTCTCGAACTCC 1

RESULT 1214

US-10-671-395-1739/c

; Sequence 1739, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; FILE OF INVENTION: EXPRESSION

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1739

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1739

Query Match

Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2292 CAGGATGCTCGATCTCCT 2311

Db 20 CAGGAGGGTCTCGAACTCCT 1

RESULT 1215

US-10-181-174B-56/c

; Sequence 56, Application US/10181174B

; Publication No. US20040132674A1

; GENERAL INFORMATION:

; APPLICANT: RESKE-KUNZ, A.B.

; APPLICANT: ROSS, XIAOLAN

; APPLICANT: ROSS, RALF

; APPLICANT: BROS, MATTHIAS

; TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN

; FILE OF INVENTION: DENDRITIC CELLS AND USES THEREOF

; FILE REFERENCE: VOS-38

; CURRENT APPLICATION NUMBER: US/10/181,174B

; CURRENT FILING DATE: 2002-07-12

; PRIOR APPLICATION NUMBER: P 100 01 169.1

; PRIOR FILING DATE: 2000-01-13

; PRIOR APPLICATION NUMBER: P 100 10 188.7

; PRIOR FILING DATE: 2000-03-02

; NUMBER OF SEQ ID NOS: 72

; SOFTWARE: PatentIn Ver. 3.2

; SEQ ID NO 56

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: primer

US-10-181-174B-56

Query Match

Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;


```
Db 1 CCCTCCTTGGCCTCCCAAG 20
;
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 67
US-09-784-423-67

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTATCCAGGCTG 2130
|||||
Db 20 TTGCTCTGTATCCAGGCTG 1

RESULT 1222
US-09-784-423-112/c
; Sequence 112, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 112
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 112
US-09-784-423-112

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCTTCTCTGTATCCCA 2125
|||||
Db 20 GAGTCTTCTCTGTATCCCA 1

RESULT 1223
US-09-989-993-43/c
; Sequence 43, Application US/09989993
; Publication No. US20030134263A1
; GENERAL INFORMATION:
```

; APPLICANT: Erives, Albert
; TITLE OF INVENTION: REGULATORY NUCLEIC ACID ASSAY FOR
; FILE REFERENCE: 52400-20002.00
; CURRENT APPLICATION NUMBER: US/09/989,993
; CURRENT FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer EPO bottom-1
US-09-989-993-43

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2108 GCTTGTCTCTTACCCAGG 2127
|||||
DB 20 GCTTGTCTCTTACCCAGG 1

RESULT 1224
US-10-085-906-476/c
; Sequence 476, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Paul
; APPLICANT: Ying, Vincent
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 476
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-476

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCTCC 2206
|||||
DB 20 ATTCTCATGACTCAGCCTCC 1

RESULT 1225
US-10-165-099-264
; Sequence 264, Application US/10165099
; Publication No. US20030188326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027

; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 264
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-264

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCAGTCAAGCT 2164
|||||
DB 2 ATCTGGCTCAGTCAATCT 21

RESULT 1226
US-10-786-720-11640/c
; Sequence 11640, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11640
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-11640

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1443 AATGATGATAAAATTACACA 1462
|||||
DB 21 AATGATGATAAACTTACAGA 2

RESULT 1227
US-10-786-720-13918
; Sequence 13918, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13918
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13918

```
Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCT 2164
    ||||| ||||| ||||| ||||| |||||
Db 2 ATCTGGCTCACTGCAACCT 21

RESULT 1228
US-10-786-720-13920/c
; Sequence 13920, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13920
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13920

Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCT 2164
    ||||| ||||| ||||| ||||| |||||
Db 20 ATCTGGCTCACTGCAACCT 1

RESULT 1229
US-10-786-720-19990
; Sequence 19990, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19990
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-19990

Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCTCC 2206
    ||||| ||||| ||||| ||||| |||||
Db 2 ATTCTCTACCTCAGCCTAC 21

RESULT 1230
US-10-786-720-19992/c
; Sequence 19992, Application US/10786720
; Publication No. US20040191818A1
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```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19992
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-19992

Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCTCC 2206
    ||||| ||||| ||||| ||||| |||||
Db 20 ATTCTCTACCTCAGCCTAC 1

RESULT 1231
US-10-786-720-20242
; Sequence 20242, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20242
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20242

Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2185 CCATTCTCTGCTCAGCCT 2204
    ||||| ||||| ||||| ||||| |||||
Db 1 CAATTCTCTACCTCAGCCT 20

RESULT 1232
US-10-786-720-20457/c
; Sequence 20457, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20457
; LENGTH: 21
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	DB	2	CGAUUCCUGCCUCAGCUU	21	
	RESULT 1235				
	US-10-751-736-4126				
	; Sequence 4126, Application US/10751736				
	; Publication No. US20040265230A1				
	; GENERAL INFORMATION:				
	; APPLICANT: Wyeth				
	; APPLICANT: Martinez, Robert				
	; APPLICANT: Brown, Eugene				
	; APPLICANT: Liu, Wei				
	; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON				
	; FILE REFERENCE: AM100927 (031896-002000)				
	; CURRENT APPLICATION NUMBER: US/10751.736				
	; CURRENT FILING DATE: 2003-01-06				
	; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000				
	; PRIOR FILING DATE: 2003-01-06				
	; NUMBER OF SEQ ID NOS: 54873				
	; SOFTWARE: PatentIn version 3.2				
	; SEQ ID NO 4126				
	; LENGTH: 21				
	; TYPE: DNA				
	; ORGANISM: homo sapiens				
	US-10-751-736-4126				
	Query Match	0.7%;	Score 16.8;	DB 1;	Length 21;
	Best Local Similarity	90.0%;	Pred. No. 1.2e+03;		
	Matches	18;	Conservative	0;	Mismatches 2; Indels 0; Gaps 0;
	QY	2342	AAAGTGTGGATTACAGGC	2361	
	DB	1	AAAGTGTGGATTACAGCC	20	
	RESULT 1236				
	US-10-751-736-23455				
	; Sequence 23455, Application US/10751736				
	; Publication No. US20040265230A1				
	; GENERAL INFORMATION:				
	; APPLICANT: Wyeth				
	; APPLICANT: Martinez, Robert				
	; APPLICANT: Brown, Eugene				
	; APPLICANT: Liu, Wei				
	; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON				
	; FILE REFERENCE: AM100927 (031896-002000)				
	; CURRENT APPLICATION NUMBER: US/10751.736				
	; CURRENT FILING DATE: 2003-01-06				
	; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000				
	; PRIOR FILING DATE: 2003-01-06				
	; NUMBER OF SEQ ID NOS: 54873				
	; SOFTWARE: PatentIn version 3.2				
	; SEQ ID NO 23455				
	; LENGTH: 21				
	; TYPE: DNA				
	; ORGANISM: homo sapiens				
	US-10-751-736-23455				
	Query Match	0.7%;	Score 16.8;	DB 1;	Length 21;
	Best Local Similarity	90.0%;	Pred. No. 1.2e+03;		
	Matches	18;	Conservative	0;	Mismatches 2; Indels 0; Gaps 0;
	QY	2145	ATCTTGCTCACTGCAAGCT	2164	
	DB	2	ATCTTGCTCACTGAAACCT	21	
	RESULT 1237				
	US-10-751-736-23754/c				
	; Sequence 23754, Application US/10751736				
	; Publication No. US20040265230A1				

	DB	2	CGAUUCCUGCCUCAGCUU	21	
	RESULT 1233				
	US-10-786-720-20466/c				
	; Sequence 20466, Application US/10786720				
	; Publication No. US2004019181A1				
	; GENERAL INFORMATION:				
	; APPLICANT: Wyeth				
	; APPLICANT: O'Toole, Margot				
	; APPLICANT: Liu, Wei				
	; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE				
	; FILE REFERENCE: 031896-023000 (AM101331L)				
	; CURRENT APPLICATION NUMBER: US/10786.720				
	; CURRENT FILING DATE: 2004-02-26				
	; NUMBER OF SEQ ID NOS: 21135				
	; SOFTWARE: PatentIn version 3.2				
	; SEQ ID NO 20466				
	; LENGTH: 21				
	; TYPE: RNA				
	; ORGANISM: RNai-antisense strand				
	US-10-786-720-20466				
	Query Match	0.7%;	Score 16.8;	DB 1;	Length 21;
	Best Local Similarity	90.0%;	Pred. No. 1.2e+03;		
	Matches	18;	Conservative	0;	Mismatches 2; Indels 0; Gaps 0;
	QY	2353	ATTACAGGCGTAGGCCACTG	2372	
	DB	20	ATTACAGGCGTAGGCCACTG	1	
	RESULT 1234				
	US-10-751-736-4121				
	; Sequence 4121, Application US/10751736				
	; Publication No. US20040265230A1				
	; GENERAL INFORMATION:				
	; APPLICANT: Wyeth				
	; APPLICANT: Martinez, Robert				
	; APPLICANT: Brown, Eugene				
	; APPLICANT: Liu, Wei				
	; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON				
	; FILE REFERENCE: AM100927 (031896-002000)				
	; CURRENT APPLICATION NUMBER: US				

```

; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23754
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-23754

Query Match      0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1462 AAGCTTCACAAATCACAGAA 1481
Db 20 AAGCTTCTCGATCACAGAA 1

RESULT 1238
US-10-751-736-23771
; Sequence 23771, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23771
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-23771

Query Match      0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 1.2e+03;
Matches 12; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTTGCTCACTGCACGCT 2164
Db 1 AUCUUGGCUCACUGAAACCU 20

RESULT 1239
US-10-751-736-23938
; Sequence 23938, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

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; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23938
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23938

Query Match      0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGCGCACC 2371
Db 1 GATTACAGGCGTAAGCCACC 20

RESULT 1240
US-10-751-736-42848/c
; Sequence 42848, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 42848
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-42848

Query Match      0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2296 ATGGTCTCGATCTCTGACC 2315
Db 20 ATGGTCTCAAACTCTCTGACC 1

RESULT 1241
US-10-751-736-43684/c
; Sequence 43684, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2

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; SEQ ID NO 43684
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43684

Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTG 2312
Db 20 AGGCTGGTCTCGAACTCTG 1

RESULT 1242
US-09-225-201-25/c
; Sequence 25, Application US/09225201
; Patent No. US2001000744A1
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; Jolkhadze, George
; Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic, Field & Francis LLP
; STREET: 200 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: CLON-001CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:

Query Match          0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTCAGTCGG 2141
Db 21 CTCAGGCTGGAGTCAGTCGG 2
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```
RESULT 1243
US-09-893-238-92/c
; Sequence 92, Application US/09893238
; Patent No. US20020150973A1
; GENERAL INFORMATION:
; APPLICANT: Moore, K.
; APPLICANT: Nagle, D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; FILE REFERENCE: 7853-237
; CURRENT APPLICATION NUMBER: US/09/893,238
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: 09/245,041
; PRIOR FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/093,630
; PRIOR FILING DATE: 1998-07-21
; PRIOR APPLICATION NUMBER: 60/104,978
; PRIOR FILING DATE: 1998-10-20
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-893-238-92

Query Match          0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2268 GAGACAGGGTTTCACCGTGT 2287
Db 21 GAGACAGGGTCTCACTGTGT 2

RESULT 1244
US-10-463-981B-2/c
; Sequence 2, Application US/10463981B
; Publication No. US20040081982A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Wong, Lee Hwa
; APPLICANT: Saffery, Richard Eric
; TITLE OF INVENTION: Neocentromere-based mini-chromosomes or artificial chromosomes
; FILE REFERENCE: A35869-PCT-USA-A (071838.0140)
; CURRENT APPLICATION NUMBER: US/10/463,981B
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: PCT/AU01/01644
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: AU PR2247
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: AU PR8909
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-463-981B-2

Query Match          0.7%; Score 16.6; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTCAGTCGG 2141
Db 18 AGGCTGGAGTCAGTCGG 2
```


; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MONO-15 primer
US-09-841-366A-8

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2152 CTCACCTGCAAGCTCTGCC 2169
|||||
DB 18 CTCACCTGCAAGCTCGCC 1

RESULT 1250
US-09-739-909-9/c
; Sequence 9, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-9

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2108 GTCCTGCTCTGTTACCCA 2125
|||||
DB 18 GTCCTGCTCTGTCACCCA 1

RESULT 1251
US-10-255-434-4
; Sequence 4, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Williams, Brett F.
; APPLICANT: Ardem Patapoutian
; APPLICANT: Andrea Feier
; APPLICANT: Peter McIntyre
; APPLICANT: Stuart Bevan
; APPLICANT: Chuangzheng Song
; APPLICANT: Pamposh Ganju
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-4

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
|||||
DB 1 GCTGGGATTACAGGCATG 18

RESULT 1252
US-10-255-434-16/c
; Sequence 16, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Williams, Brett F.
; APPLICANT: Hylidig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-16

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
|||||
DB 18 GCTGGGATTACAGGCATG 1

RESULT 1253
US-10-171-319-46/c
; Sequence 46, Application US/10171319
; Publication No. US20030157633A1
; GENERAL INFORMATION:
; APPLICANT: Ardem Patapoutian
; APPLICANT: Andrea Feier
; APPLICANT: Peter McIntyre
; APPLICANT: Stuart Bevan
; APPLICANT: Chuangzheng Song
; APPLICANT: Pamposh Ganju
; TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
; TITLE OF INVENTION: AND POLYPEPTIDES
; FILE REFERENCE: 4-32048A
; CURRENT APPLICATION NUMBER: US/10/171,319
; CURRENT FILING DATE: 2002-10-24
; PRIOR APPLICATION NUMBER: 60/297,835
; PRIOR FILING DATE: 2001-06-13

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; PRIOR APPLICATION NUMBER: 60/351,238
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/352,914
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/357,161
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: 60/381,086
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: 60/381,739
; PRIOR FILING DATE: 2002-05-16
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-171-319-46
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Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2117 TGTACCACCGCTGGACT 2134
Db 18 TGTACCACCGCTGGACT 1
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RESULT 1254
US-10-314-810-8/c
; Sequence 8, Application US/10314810
; Publication No. US20030180758A1
; GENERAL INFORMATION:
; APPLICANT: Bachez, Jeffery W.
; APPLICANT: Flanagan, Laura
; APPLICANT: Nassif, Nadine
; TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
; FILE REFERENCE: 16026-9267
; CURRENT APPLICATION NUMBER: US/10/314,810
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US/09/841,366
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MONO-15 primer
US-10-314-810-8
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```
Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 2152 CTCACCTGCAAGCTCTGCC 2169
Db 18 CTCACCTGCAAGCTCTGCC 1
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```
RESULT 1255
US-10-187-975-133/c
; Sequence 133, Application US/10187975
; Publication No. US20030224982A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Patturajan, Meera
```

```
; APPLICANT: Ellerman, Karen
; APPLICANT: Gorman, Linda
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Spytek, Kimberly
; APPLICANT: Miller, Charles
; APPLICANT: Edinger, Shlomit
; APPLICANT: Hjal, Tord
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shimkets, Richard
; APPLICANT: Taupier, Raymond J. Jr.
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Baumgartner, Jason
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glennda
; APPLICANT: Casman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Pena, Carol
; APPLICANT: Chapoval, Andrei
; APPLICANT: Rastelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Vernte, Corine
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; FILE REFERENCE: 21402-397A
; CURRENT APPLICATION NUMBER: US/10/187,975
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/305,673
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 60/306,085
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/308,877
; PRIOR FILING DATE: 2001-07-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 288
; SOFTWARE: CuraSeqlist version 0.1
; SEQ ID NO 133
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-187-975-133
```

```
Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 2189 TCTCTGCTCCTCAGCTCC 2206
Db 18 TCTCTGCTCCTCAGCTCC 1
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RESULT 1256
US-10-473-368-10/c
; Sequence 10, Application US/10473368
```

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; Publication No. US20040175706A1
; GENERAL INFORMATION:
; APPLICANT: SHIOZAWA, Shunichi
; APPLICANT: KOMAI, Koichiro
; APPLICANT: YAGI, Hirofumi
; APPLICANT: MATSUURA, Nao
; TITLE OF INVENTION: Genomic DNAs involved in participating in rheumatoid arthritis,
; TITLE OF INVENTION: a method of diagnosing or judging onset risk of the same,
; TITLE OF INVENTION: method of judging onset risk thereof and diagnostic kit for dete
; FILE REFERENCE: 2003-1388A/WNC/00653
; CURRENT APPLICATION NUMBER: US/10/473,368
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: JP2001-102006
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide
US-10-473-368-10

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACGCGCATGAGCCAC 2370
Db 18 ATTACGCGCATGAGCCAC 1

RESULT 1257
US-10-473-126-82/c
; Sequence 82, Application US/10473126
; Publication No. US20040234973A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell
; TITLE OF INVENTION: proliferative disorders
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/473,126
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 1258
; SEQ ID NO 82
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-473-126-82

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2143 TGATCTGGCTCACTGCA 2160
Db 18 TGATCTGGCTCACTGCA 1

RESULT 1258
US-09-881-012-160/c
; Sequence 160, Application US/09881012
; Publication No. US20020192655A1
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/881,012
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 160
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2118 GTTACCCAGCGTGGAGTG 2135
Db 19 GTTACCCAGCGTGGAGTG 2

RESULT 1259
US-09-881-012-160/c
; Sequence 160, Application US/09881012
; Publication No. US20040248086A9
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 160
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2118 GTTACCCAGCGTGGAGTG 2135
Db 19 GTTACCCAGCGTGGAGTG 2

RESULT 1260
US-09-993-731-23
; Sequence 23, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
```

```
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; CURRENT FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; PRIOR APPLICATION NUMBER: US 60/062,924
; PRIOR FILING DATE: 1997-10-20
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 160
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2118 GTTACCCAGCGTGGAGTG 2135
Db 19 GTTACCCAGCGTGGAGTG 2

RESULT 1259
US-09-881-012-160/c
; Sequence 160, Application US/09881012
; Publication No. US20040248086A9
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 160
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2118 GTTACCCAGCGTGGAGTG 2135
Db 19 GTTACCCAGCGTGGAGTG 2

RESULT 1260
US-09-993-731-23
; Sequence 23, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
```

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; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-23

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGCTGGAGTCGAGTCG 2141
      ||||| ||||| ||||| ||||| |||||
Db 2 CAGCTGGAGTCGAGTCG 19

RESULT 1261
US-09-996-292A-53/c
; Sequence 53, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthothathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: N= G-clamp modification
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-53

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTA 1596
      ||||| ||||| ||||| ||||| |||||
Db 19 ACGAGAGTGTGGAATCTA 2

RESULT 1262
US-09-843-377-88
; Sequence 88, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89

; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-23

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGCTGGAGTCGAGTCG 2141
      ||||| ||||| ||||| ||||| |||||
Db 2 CAGCTGGAGTCGAGTCG 19

RESULT 1261
US-09-996-292A-53/c
; Sequence 53, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthothathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: N= G-clamp modification
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-53

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTA 1596
      ||||| ||||| ||||| ||||| |||||
Db 19 ACGAGAGTGTGGAATCTA 2

RESULT 1262
US-09-843-377-88
; Sequence 88, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89

; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-23

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2113 GCTCTGTATCCAGGCTG 2130
      ||||| ||||| ||||| ||||| |||||
Db 1 GCTCTGTATCCAGGCTG 18

RESULT 1263
US-10-013-295-53/c
; Sequence 53, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1e1 Sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: N= G-clamp modification
; NAME/KEY: misc feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N= G-clamp modification
US-10-013-295-53

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTA 1596
      ||||| ||||| ||||| ||||| |||||
Db 19 ACGAGAGTGTGGAATCTA 2

RESULT 1264
US-10-215-448-77/c
; Sequence 77, Application US/10215448
; Publication No. US20040029273A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-77
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Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 519 AAGCAACACATATTGTA 536
Db      18 AAGCAACACATGTTGTA 1
|||||

RESULT 1265
US-10-317-500-45/c
; Sequence 45, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-500-45

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 TCTGGAAGCAAACTG 1352
Db      18 TCTGGAAGCAAACTG 1
|||||

RESULT 1266
US-10-317-500-197
; Sequence 197, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-317-500-197

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 TCTGGAAGCAAACTG 1352
Db      3 TCTGGAAGCAAACTG 20
|||||

RESULT 1267
US-10-671-395-553/c
; Sequence 553, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 553
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-553

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2348 CTGGGATTACAGGCATGA 2365
Db      20 CTGGGATTACAGGCATGA 3
|||||

RESULT 1268
US-10-671-395-610/c
; Sequence 610, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 610
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-610

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2348 CTGGGATTACAGGCATGA 2365
Db      20 CTGGGATTACAGGCATGA 3
|||||

RESULT 1269
US-10-671-395-862/c
; Sequence 862, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 862
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-862
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; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 862
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-862

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2189 TCTCTGCTCAGCCTCC 2206
|||||
DB 20 TCTCCGCTCAGCCTCC 3

RESULT 1270
US-10-819-244-88
; Sequence 88, Application US/10819244
; Publication No. US20040171575A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/10/819,244
; CURRENT FILING DATE: 2004-04-06
; PRIOR APPLICATION NUMBER: US/09/843,377
; PRIOR FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-819-244-88

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCCAGGCTG 2130
|||||
DB 1 GCTCTGTTACCCAGGCTG 18

RESULT 1271
US-09-998-966-47/c
; Sequence 47, Application US/09998966
; Publication No. US20030194761A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Boldog, Ferenc
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-551
; CURRENT APPLICATION NUMBER: US/09/998,966
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 09/569,269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134,315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/175,744
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/188,274
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47

; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chemically
; OTHER INFORMATION: synthesized
US-09-998-966-47

Query Match 0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGCATG 2364
|||||
DB 19 GCTGGGACTACAGCATG 2

RESULT 1272
US-10-013-329-5/c
; Sequence 5, Application US/10013329
; Publication No. US20020160390A1
; GENERAL INFORMATION:
; APPLICANT: RIKEN
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Hattori, Eiji
; TITLE OF INVENTION: POLYMORPHIC DNAs AND THEIR USE FOR
; TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO PANIC DISORDER
; FILE REFERENCE: 25100-20092.00
; CURRENT APPLICATION NUMBER: US/10/013,329
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: JP 2000-375090
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Upstream primer p5
US-10-013-329-5

Query Match 0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
|||||
DB 21 CAGGCTGGAGTGCAGTGG 4

RESULT 1273
US-10-004-415-47/c
; Sequence 47, Application US/10004415
; Publication No. US20030119095A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Boldog, Ferenc
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-551
; CURRENT APPLICATION NUMBER: US/10/004,415
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 09/569,269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134,315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/175,744
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/188,274
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47

```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chemically
; OTHER INFORMATION: synthesized
US-10-004-415-47

Query Match          0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred.No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGCATG 2364
Db 19 GCTGGACTACAGCATG 2

RESULT 1274
US-10-384-974-46/C
; Sequence 46, Application US/10384974
; Publication No. US20040014173A1
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: No. US20040014173A1 Polynucleotides, Polypeptides Encoded There
; FILE REFERENCE: 15966-551CIPICONI
; CURRENT APPLICATION NUMBER: US/10/384,974
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 10/081,407,
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134,315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/175,744
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/188,274
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: Curasequid version 0.1
; SEQ ID NO 46
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-384-974-46

Query Match          0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred.No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGCATG 2364
Db 19 GCTGGACTACAGCATG 2

RESULT 1275
US-10-786-720-13909
; Sequence 13909, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13909
```

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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13909

Query Match          0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred.No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 1 CAGGCTGGAGTGCATGG 18

RESULT 1276
US-10-786-720-20188/C
; Sequence 20188, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20188

Query Match          0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred.No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGCAGTG 2140
Db 18 CCAGGCTGGAGTGCATG 1

RESULT 1277
US-10-786-720-20236
; Sequence 20236, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20236
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20236

Query Match          0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred.No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCAA 2161
Db 4 GATCTGGCTCACTGCAA 21
```



```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-981-566A-137

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1309 ATAAAGGGAAGATTAAGGGG 1329
Db 21 ATAAAGGGATTGAGAAAGGG 1

RESULT 1287
US-10-132-080-25
; Sequence 25, Application US/10132080
; Publication No. US20030049204A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE REFERENCE: 3298.1011-000
; CURRENT APPLICATION NUMBER: US/10/132,080
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/285,687
; PRIOR FILING DATE: 2001-04-24
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-132-080-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1288
US-10-125-690-23
; Sequence 23, Application US/10125690
; Publication No. US20030053950A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE REFERENCE: 3298.1009-000
; CURRENT APPLICATION NUMBER: US/10/125,690
; CURRENT FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 60/284,210
; PRIOR FILING DATE: 2001-04-18
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-125-690-23

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1289
US-10-085-906-475/c
; Sequence 475, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 475
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-085-906-475

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2271 ACAGGGTTTCACCGTGTAGC 2291
Db 21 ACAGGGTTTCGCATGTTGGC 1

RESULT 1290
US-10-100-556-25
; Sequence 25, Application US/10100556
; Publication No. US20030068273A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE REFERENCE: 3298.1004-000
; CURRENT APPLICATION NUMBER: US/10/100,556
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,489
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-100-556-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21
```

```
RESULT 1291
US-10-100-218-25
; Sequence 25, Application US/10100218
; Publication No. US2003007210A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE OF INVENTION: Antidepressants
; FILE REFERENCE: 3298.1005-000
; CURRENT APPLICATION NUMBER: US/10/100,218
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,490
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-100-218-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1292
US-10-134-296-25
; Sequence 25, Application US/10134296
; Publication No. US20030073133A1
; GENERAL INFORMATION:
; APPLICANT: Brian Leyland-Jones
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE OF INVENTION: ERECTILE DYSFUNCTION AGENTS
; FILE REFERENCE: 3298.1012-000
; CURRENT APPLICATION NUMBER: US/10/134,296
; CURRENT FILING DATE: 2002-04-26
; PRIOR APPLICATION NUMBER: 60/286,336
; PRIOR FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-134-296-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1293
US-10-141-533-25
; Sequence 25, Application US/10141533
; Publication No. US2003007722A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE OF INVENTION: ANTINEOPLASTIC AGENTS
; FILE REFERENCE: 3298.1013-000
; CURRENT APPLICATION NUMBER: US/10/135,185
; CURRENT FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: 60/287,014
; PRIOR FILING DATE: 2001-04-30
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1294
US-10-072-611-23
; Sequence 23, Application US/10072611
; Publication No. US20030091975A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: MULTIPLE DETERMINANTS FOR METABOLIC
; FILE OF INVENTION: PHENOTYPES
; FILE REFERENCE: 3298.1001-000
; CURRENT APPLICATION NUMBER: US/10/072,611
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/267,472
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-072-611-23

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1295
US-10-135-185-25
; Sequence 25, Application US/10135185
; Publication No. US2003010848A1
; GENERAL INFORMATION:
; APPLICANT: Brian Leyland-Jones
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE OF INVENTION: ANTINEOPLASTIC AGENTS
; FILE REFERENCE: 3298.1013-000
; CURRENT APPLICATION NUMBER: US/10/135,185
; CURRENT FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: 60/287,014
; PRIOR FILING DATE: 2001-04-30
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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	1	2	3	4	5	6	7																																																																																													

; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-339

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2262 TTAGTAGAGACAGGTTTCAC 2282
Db 1 TCAGTAGAGATGGGTTTCAC 21

RESULT 1305
US-10-124-747-25
; Sequence 25, Application US/10124747
; Publication No. US20030190671A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: USE OF METABOLIC PHENOTYPING IN
; TITLE OF INVENTION: INDIVIDUALIZED TREATMENT WITH AMONAFIDE
; FILE REFERENCE: 3298.1003-001
; CURRENT APPLICATION NUMBER: US/10/124,747
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 10/087,996
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/271,714
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-124-747-25

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1306
US-10-307-204-25
; Sequence 25, Application US/10307204
; Publication No. US20030195350A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; TITLE OF INVENTION: Antiviral Agents
; FILE REFERENCE: 3287.1004-000
; CURRENT APPLICATION NUMBER: US/10/307,204
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/333,500
; PRIOR FILING DATE: 2001-11-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-307-204-25

Query Match 0.7%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1307
US-10-408-168-18/c
; Sequence 18, Application US/10408168
; Publication No. US20030235847A1
; GENERAL INFORMATION:
; APPLICANT: Paepker, Bryan W.
; APPLICANT: Prohl, Sean
; APPLICANT: Charmley, Patrick R.
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Uitterlinden, Andreas Gerardus
; TITLE OF INVENTION: ASSOCIATION OF POLYMORPHISMS IN THE SOST
; TITLE OF INVENTION: GENE REGION WITH BONE MINERAL DENSITY
; FILE REFERENCE: 240083.525
; CURRENT APPLICATION NUMBER: US/10/408,168
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer
US-10-408-168-18

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGACACAGGGTTTC 2280
Db 21 TTTTGATAGACAGGGTTTC 1

RESULT 1308
US-10-607-848-25
; Sequence 25, Application US/10607848
; Publication No. US20040084867A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; TITLE OF INVENTION: Anticoagulants
; FILE REFERENCE: 3287.1005-000
; CURRENT APPLICATION NUMBER: US/10/607,848
; CURRENT FILING DATE: 2003-06-27
; PRIOR APPLICATION NUMBER: 60/391,976
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-607-848-25

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21

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RESULT 1309
US-10-307-210-25
; Sequence 25, Application US/10307210
; Publication No. US20040101477A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; TITLE OF INVENTION: Anesthetics
; FILE REFERENCE: 3287.1003-000
; CURRENT APPLICATION NUMBER: US/10/307,210
; CURRENT FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: 60/333,486
; PRIOR FILING DATE: 2001-11-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-307-210-25

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1310
US-10-786-720-13252/c
; Sequence 13252, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13252
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13252
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13252

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCTC 2165
Db 21 ATCTCAGCTCACTGCAACCTC 1

RESULT 1311
US-10-786-720-13919
; Sequence 13919, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
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; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13919
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-13919

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 1.3e+03;
Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCTC 2166
Db 1 UCUCGGCUCACUGCAACCUUU 21

RESULT 1312
US-10-786-720-20179/c
; Sequence 20179, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20179
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20179

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGGATG 2298
Db 21 TTCACCATGTGGCCAGGCTG 1

RESULT 1313
US-10-786-720-20362/c
; Sequence 20362, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20362
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20362

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
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Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTGACCTC 2317
|||||
Db 21 TGGTCTCAACTCCAGACCTC 1

RESULT 1314

US-10-786-720-20368/c
; Sequence 20368, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20368
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20368

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2283 CGTGTAGCCAGGATGGTCTC 2303
|||||
Db 21 CATGTTGCCAGCGTGGTCTC 1

RESULT 1315

US-10-786-720-20371/c
; Sequence 20371, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20371
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20371

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2281 ACCGTGTTAGCCAGGATGGTC 2301
|||||
Db 21 ACCATGTTGCCAGCGTGGTC 1

RESULT 1316

US-10-786-720-20456
; Sequence 20456, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20456
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20456

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 1.3e+03;
Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCTCT 2166
:|: |||: |||: |||: |||: | :
Db 1 UCUCGGCUCACUGCAACCUUU 21

RESULT 1317

US-10-751-736-4129
; Sequence 4129, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-4129

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2343 AAGTGTGGGATTACAGGCAT 2363
|||||
Db 1 AAGTGTAGGATTACAGCGGT 21

RESULT 1318

US-10-751-736-4609
; Sequence 4609, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06

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; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4609
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-4609

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2292 CAGGATGCTCGATCTCGT 2312
DB 1 CAGGCTGCTCTTGACTCTG 21

RESULT 1319
US-10-751-736-4616
; Sequence 4616, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4616
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-4616

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 1.3e+03;
Matches 13; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTCAGGCAT 2363
DB 1 AAGUGCUAGGAUACAGCCUU 21

RESULT 1320
US-10-751-736-5110
; Sequence 5110, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5110
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-5110

; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4609
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-4609

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2144 GATCTTGGGTCCTCAAGCT 2164
DB 1 GATCTTGGGTCCTACTATACCT 21

RESULT 1321
US-10-751-736-23456
; Sequence 23456, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23456
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-23456

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 52.4%; Pred. No. 1.3e+03;
Matches 11; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCTCT 2166
DB 1 UCUUGGUCACUGAACCUCUU 21

RESULT 1322
US-10-751-736-23636
; Sequence 23636, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23636
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-23636

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 1.3e+03;
Matches 13; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTGCCCT 2171
DB 1 GCTCACTGCAAGCTCTGCCCT 2171
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Db 1 GAUCACUGCAACCUCGCUU 21

RESULT 1323
US-10-751-736-23933
; Sequence 23933, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23933
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-23933

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 1.3e+03;
Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 2234 CACCACACCTGGCTAAATTTT 2254
 ||||| ||:||:|::| :||
Db 1 CACCAAGCCUGGCUAAAUUU 21

RESULT 1324
US-10-751-736-24004
; Sequence 24004, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; PRIOR FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24004
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-24004

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2100 GAGACCGAGTCGTCTGTGT 2120
 ||||| ||||| ||||| |||||
Db 1 GAGATGGAGTCGTCTGTGT 21

RESULT 1325
US-10-751-736-41110
; Sequence 41110, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41110
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-41110

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2352 GATTACAGGCATGAGCCACG 2372
 ||||| ||||| ||||| |||||
Db 21 GATTACAGGTGTGAGCCACTG 1

RESULT 1327
US-10-751-736-43696/c
; Sequence 43696, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42592
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42592

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2352 GATTACAGGCATGAGCCACG 2372
 ||||| ||||| ||||| |||||
Db 21 GATTACAGGTGTGAGCCACTG 1

RESULT 1329
US-10-751-736-42592/c
; Sequence 42592, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; PRIOR FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42592
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42592

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1331 AATCTCTGAGAAAGCCAACT 1351
 ||||| ||||| ||||| |||||
Db 1 AATCTATGAGAAAGCCATTCT 21

RESULT 1326
US-10-751-736-42592/c
; Sequence 42592, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; PRIOR FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42592
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42592

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1331 AATCTCTGAGAAAGCCAACT 1351
 ||||| ||||| ||||| |||||
Db 1 AATCTATGAGAAAGCCATTCT 21

RESULT 1328
US-10-751-736-43696/c
; Sequence 43696, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43696
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43696/c

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2352 GATTACAGGCATGAGCCACG 2372
 ||||| ||||| ||||| |||||
Db 21 GATTACAGGTGTGAGCCACTG 1

RESULT 1329
US-10-751-736-43696/c
; Sequence 43696, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43696
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43696/c

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2352 GATTACAGGCATGAGCCACG 2372
 ||||| ||||| ||||| |||||
Db 21 GATTACAGGTGTGAGCCACTG 1

RESULT 1329
US-10-751-736-43696/c
; Sequence 43696, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE:

```
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43696
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-751-736-43696

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  2098 TTGAGCCGAGCTCTTGCTCTG 2118
Db   21 TTGAGATGAGTCTTGCACTG 1

RESULT 1328
US-10-751-736-43822/c
; Sequence 43822, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43822
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-751-736-43822

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  2145 ATCTGGCTCACTCAAGCTC 2165
Db   21 ATCTGGTCTCACTCAACCTC 1

RESULT 1329
US-09-739-909-8
; Sequence 8, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1

Query Match          0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2126 GGCTGGAGTGCAGTGG 2141
Db   1 GGCTGGAGTGCAGTGG 16

RESULT 1330
US-09-739-909-11/c
; Sequence 11, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-739-909-11

Query Match          0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2126 GGCTGGAGTGCAGTGG 2141
Db   16 GGCTGGAGTGCAGTGG 1

RESULT 1331
US-10-124-038-44
; Sequence 44, Application US/10124038
; Publication No. US20030082572A1
; GENERAL INFORMATION:
; APPLICANT: Spier, Eugene
; APPLICANT: Boyd, Victoria L.
; TITLE OF INVENTION: Methods and Compositions for Nucleotide Analysis
; FILE REFERENCE: 7414.0045
; CURRENT APPLICATION NUMBER: US/10/124,038
; CURRENT FILING DATE: 2002-07-25
; PRIOR APPLICATION NUMBER: US 60/284,409
; PRIOR FILING DATE: 2001-04-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description: synthesized oligonucleotide primer
; US-10-124-038-44

Query Match          0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
```

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2284 GTGTTACCCAGGATGG 2299
|||||
Db 1 GTGTTACCCAGGATGG 16

RESULT 1332

US-10-092-885-40/c

; Sequence 40, Application US/10092885

; Publication No. US20030190618A1

; GENERAL INFORMATION:

; APPLICANT: SAMAL, BABRU

; APPLICANT: LI, YUAN

; APPLICANT: HERMIDA, LEANDRO C.

; APPLICANT: HOPPA, NANCY L.

; APPLICANT: JOHE, KARL K.

; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG

; FILE REFERENCE: LIBRARIES OF CDNAS

; CURRENT FILING DATE: 2002-03-06

; NUMBER OF SEQ ID NOS: 60

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 40

; LENGTH: 16

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-092-885-40

Query Match 0.7%; Score 16; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 1.4e+03;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2145 ATCTTGGCTCACTGCA 2160
|||||
Db 16 ATCTTGGCTCACTGCA 1

RESULT 1333

US-10-092-885-42/c

; Sequence 42, Application US/10092885

; Publication No. US20030190618A1

; GENERAL INFORMATION:

; APPLICANT: SAMAL, BABRU

; APPLICANT: LI, YUAN

; APPLICANT: HERMIDA, LEANDRO C.

; APPLICANT: HOPPA, NANCY L.

; APPLICANT: JOHE, KARL K.

; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG

; FILE REFERENCE: LIBRARIES OF CDNAS

; CURRENT FILING DATE: 2002-03-06

; NUMBER OF SEQ ID NOS: 60

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 42

; LENGTH: 16

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-092-885-42

Query Match 0.7%; Score 16; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 1.4e+03;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2333 CGGCCTCCCAAGTGC 2348
|||||
Db 16 CGGCCTCCCAAGTGC 1

RESULT 1334

US-10-092-885-49/c

; Sequence 49, Application US/10092885

; Publication No. US20030190618A1

; GENERAL INFORMATION:

; APPLICANT: SAMAL, BABRU

; APPLICANT: LI, YUAN

; APPLICANT: HERMIDA, LEANDRO C.

; APPLICANT: HOPPA, NANCY L.

; APPLICANT: JOHE, KARL K.

; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG

; FILE REFERENCE: LIBRARIES OF CDNAS

; CURRENT FILING DATE: 2002-03-06

; NUMBER OF SEQ ID NOS: 60

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 49

; LENGTH: 16

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-092-885-49

Query Match 0.7%; Score 16; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 1.4e+03;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2294 GGATGCTCTCGATCTC 2309
|||||
Db 16 GGATGCTCTCGATCTC 1

RESULT 1335

US-10-478-019-124/c

; Sequence 124, Application US/10478019

; Publication No. US20040248830A1

; GENERAL INFORMATION:

; APPLICANT: Immusol Incorporated

; APPLICANT: Tritz, Richard

; APPLICANT: Keilly, Benjamin

; APPLICANT: Habita, Cellia

; APPLICANT: Robbins, Joan

; APPLICANT: Barber, Jack

; TITLE OF INVENTION: Agents That Regulate Apoptosis

; FILE REFERENCE: P-IMM 1001 US

; CURRENT APPLICATION NUMBER: US/10/478,019

; CURRENT FILING DATE: 2003-11-13

; PRIOR APPLICATION NUMBER: PCT/US02/15198

; PRIOR FILING DATE: 2002-05-14

; PRIOR APPLICATION NUMBER: US 60/290,927

; PRIOR FILING DATE: 2001-05-14

; NUMBER OF SEQ ID NOS: 171

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 124

; LENGTH: 16

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-478-019-124

Query Match 0.7%; Score 16; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 1.4e+03;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGCGGT 2277
|||||
Db 16 TTAGTAGACAGCGGT 1

RESULT 1336

US-09-898-779-91/c

; Sequence 91, Application US/09898779

; Patent No. US20020106657A1

; GENERAL INFORMATION:

; APPLICANT: Kent D. Taylor (Inventor)

; APPLICANT: Maren T. Scheuner (Inventor)

; APPLICANT: Jerome I. Rotter (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 91
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-779-91

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
Db 16 GTTACCCAGGCTGGAG 1

RESULT 1337
US-10-205-522-13
; Sequence 13, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; TITLE OF INVENTION: 2B15 (UGT2B15) Genes
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/10/205,522
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US/09/356,806
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-13

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTACCCGTGTA 2289
Db 2 GGGTTTACCCGTGTA 17

RESULT 1338
US-10-156-306-537
; Sequence 537, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 537
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-537

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.3e+03;
Matches 11; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAA 2161
Db 1 UCUGGCUCACUGCAA 16

RESULT 1339
US-10-156-306-547
; Sequence 547, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 547
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-547

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.3e+03;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCTCAGCCTCC 2206
Db 1 UCCUGCCUCAGCCUCC 16

RESULT 1340
US-10-156-306-1654
; Sequence 1654, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1654
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1654

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.3e+03;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTCA 2137
Db 2 CCCAGGCTGGAGTCA 17


```
RESULT 1346
US-10-238-700-363/c
; Sequence 363, Application US/10238700
; Publication No. US2003015321A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 363
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-363

Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 452 TTATCTATGAAGAG 467
Db 17 TTATCTATGAAGAG 2

RESULT 1347
US-09-728-552-2/c
; Sequence 2, Application US/09728552
; Publication No. US20030096398A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/728,552
; CURRENT FILING DATE: 2000-12-02
; PRIOR APPLICATION NUMBER: 09/078,294
; PRIOR FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-728-552-2

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGGCTGAGTGACAGTGG 2141
Db 19 CAGGCTGACAGTGACAGTGG 2

RESULT 1348
US-10-045-072-34
; Sequence 34, Application US/10045072
; Publication No. US20030027305A1
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.079002

; CURRENT APPLICATION NUMBER: US/10/045,072
; CURRENT FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US 09/677,575
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 09/220,081
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-10-045-072-34

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 185 GTGGAATGATCCCCGA 200
Db 4 GTGGAATGATCCCCGA 19

RESULT 1349
US-10-731-739-222
; Sequence 222, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-222

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGG 2360
Db 1 GTGCTGGGATTACAGG 16

RESULT 1350
US-10-477-238A-222
; Sequence 222, Application US/10477238A
; Publication No. US20040221326A1
; GENERAL INFORMATION:
; APPLICANT: Babi, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
```



```
; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-222

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGG 2360
Db      1 GTGCTGGGATTACAGG 16

RESULT 1351
US-10-680-287A-222
; Sequence 222, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: Babij, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-287A-222

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGG 2360
Db      1 GTGCTGGGATTACAGG 16

RESULT 1352
US-10-085-906-323/c
; Sequence 323, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30

; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-222

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGG 2360
Db      1 GTGCTGGGATTACAGG 16

RESULT 1353
US-10-148-355A-64/c
; Sequence 64, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30

; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-222

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGG 2360
Db      1 GTGCTGGGATTACAGG 16

RESULT 1354
US-10-148-355A-64/c
; Sequence 64, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30

; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-222

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGG 2360
Db      1 GTGCTGGGATTACAGG 16

RESULT 1355
US-10-007-078-81/c
; Sequence 81, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-81

Query Match      0.7%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2123 CCAGGCTGGAGTGCGAG 2138
Db      16 CCAGGCTGGAGTGCGAG 1

RESULT 1356
US-10-148-355A-64/c
; Sequence 64, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30
```

; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-64

Query Match 0.7%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2126 GGCTGGAGTGCAGTGG 2141
Db 20 GGCTGGAGTGCAGTGG 5
|||||

RESULT 1355
US-10-786-720-20622/c
; Sequence 20622, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; CURRENT APPLICATION NUMBER: US/101331L
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20622
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20622

Query Match 0.7%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGCATGAGCCACC 2371
Db 20 ACAGCATGAGCCACC 5
|||||

RESULT 1356
US-10-786-720-20627
; Sequence 20627, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; CURRENT APPLICATION NUMBER: US/101331L
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20627
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20627

Query Match 0.7%; Score 16; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 1.3e+03;

Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
QY 2126 GGCTGGAGTGCAGTGG 2141
Db 1 GGCUGGAGUGCAGUGG 16
|||||

RESULT 1357
US-10-751-736-23458
; Sequence 23458, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23458
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23458

Query Match 0.7%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2187 ATTCTCTGCTCAGC 2202
Db 6 ATTCTCTGCTCAGC 21
|||||

RESULT 1358
US-10-204-254A-15/c
; Sequence 15, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIKKULA, Mikka
; FILE REFERENCE: DELCE59.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 60/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-204-254A-15

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2176 GGGTTGCGCACCATTCTCCT 2194

US-09-784-423-120/c
; Sequence 120, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 120
; SEQUENCE DESCRIPTION: SEQ ID NO: 120
US-09-784-423-120
Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2099 TGAGACCGGCTTGGCTCT 2117
Db 19 TGAGACCGGCTTGGCTCT 1
RESULT 1363
US-09-733-294A-75
; Sequence 75, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-75
Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2270 GACAGGGTTTCACCGTGT 2288
Db 1 GATAGGGTTTCACCATGTT 19
RESULT 1364
US-09-918-686-83/c
; Sequence 83, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-83
Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2302 TCGATCTCTGACCTCGTG 2320
Db 19 TCGAATCTCTGACCTCGCG 1
RESULT 1365
US-09-800-631-52
; Sequence 52, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPRESSION
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-52
Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGAGAC 2272
DB 1 TTGTATTTTAAAGTAGAGAC 19

```

RESULT 1366
US-09-899-569A-14
; Sequence 14, Application US/09899569A
; Patent No. US20020142003A1
; GENERAL INFORMATION:
; APPLICANT: NO. US20020142003Albert S
; APPLICANT: Marwa Scherf-Mostageer
; APPLICANT: Wolfgang Sommergruber
; APPLICANT: Roger Abseher
; TITLE OF INVENTION: Tumorausgerichtete
; FILE REFERENCE: 0652.2280001
; CURRENT APPLICATION NUMBER: US/09/899
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: DE 100 33
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: DE 101 19
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 6/243,
; PRIOR FILING DATE: 2000-10-25
; PRIOR APPLICATION NUMBER: US 6/297,
; PRIOR FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; US-09-899-569A-14

```

Query Match	0.7%	Score 15.8;	DB 1;	Length 20;
Best Local Similarity	89.5%	Pred. No. 1.3e+03;		
Matches 17;	Conservative	0;	Mismatches 2;	Indels 0;
Gaps	0;			

Qy 2187 ATTCTCCTGCCTCAGCCTC 2205
 ||||| |||||
Db 2 ATTCTCCCACCTCAGCCTC 20

```

RESULT 1367
US-09-962-059-2/c
; Sequence 2, Application US/09962059
; Publication No. US20030007955A1
; GENERAL INFORMATION:
; APPLICANT: Rees, Riley
; APPLICANT: Kim, Jiyoun
; APPLICANT: Remick, Daniel
; APPLICANT: Adamson, Belinda
; TITLE OF INVENTION: Enclosures Housing Cell-Coated Supports for Treating Tumors
; FILE REFERENCE: UM-06198
; CURRENT APPLICATION NUMBER: US/09/962,059
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: 09/640,990
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: 60/149,744
; PRIOR FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-962-059-2
Query Match          0.7%   Score 15.8;   DB 1;   Length 20;

```

Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1420 CCAGAGAGTCATGTGTTGA 1438
Db 20 CCAGAGAGTCCTGTGCTGA 2

```

RESULT 1368
US-09-771-933-107/c
/ Sequence 107, Application US/09771933
/ Publication No. US20030023387A1
/ GENERAL INFORMATION:
/ APPLICANT: Gill-Garrison, Rosalynn D
/ APPLICANT: Martin, Christopher J
/ APPLICANT: Sanchez-Felix, Manuel V
/ TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
/ TITLE OF INVENTION: Factors
/ FILE REFERENCE: 620-130
/ CURRENT APPLICATION NUMBER: US/09/771,933
/ CURRENT FILING DATE: 2001-01-30
/ NUMBER OF SEQ ID NOS: 205
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 107
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-771-933-107

```

Query Match	0.7%	Score 15.8;	DB 1;	Length 20;
Best Local Similarity	89.5%;			
Pred. No. 1.3e+03;				
Matches 17;	Conservative	0;	Mismatches 2;	Indels 0;
Gaps	0;			

Qy 2187 ATTCTCCTGCCTCAGCCTC 2205
Db 20 ATTCTCCACCTCAGCCTC 2

```

RESULT 1369
US-09-998-716-7/c
; Sequence 7, Application US/09998716
; Publication No. US20030126628A1
; GENERAL INFORMATION:
; APPLICANT: Avigenics, Inc
; TITLE OF INVENTION: Chicken Ovomucoid
; FILE REFERENCE: A181 8170
; CURRENT APPLICATION NUMBER: US/09/998,716
; CURRENT FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; -OTHER INFORMATION: Primer OVINS4
US-09-998-716-7

```

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17: Conservative 0; Mismatches 2; Indels

Qy 773 TAGACCATCTACCTCATCT 791
Db 19 TAAACCATCCACCTCATCT 1

RESULT 1370
US-10-143-266-25
; Sequence 25, Application US/10143266
; Publication No. US2003010887A1

Query Match 0.7%; Score 15.8; DB 1; Length 20;

```
; GENERAL INFORMATION:
; APPLICANT: Rannum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-143-266-25
Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2309 CCTGACCTCGTATCGCGC 2327
      ||||| ||||| ||||| |||||
Db 1 CCTGACCTTGTATCGGAC 19

RESULT 1371
US-10-293-783-52
; Sequence 52, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-52

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTATAGAGAC 2272
      ||||| ||||| ||||| |||||
Db 1 TTGTATTTTAAGTAGAGAC 19

RESULT 1372
US-10-353-150-83/c
; Sequence 83, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Proll, Sean
```

```
; APPLICANT: Paepier, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: GENOMIC DELETIONS
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-83

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2302 TCGATCTCTGACCTCGTG 2320
      ||||| ||||| ||||| |||||
Db 19 TCGACTCTCTGACCTCGCG 1

RESULT 1373
US-10-088-726-38
; Sequence 38, Application US/10088726
; Publication No. US20030157558A1
; GENERAL INFORMATION:
; APPLICANT: Matsumoto et al.
; TITLE OF INVENTION: NOVEL GUANOSINE TRIPHOSPHATE-BINDING PROTEIN-COUPLED RECEPTORS A
; FILE REFERENCE: 62514
; CURRENT APPLICATION NUMBER: US/10/088,726
; CURRENT FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: PCT/JP00/09408
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: JP 1999-375152
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: JP 2000-101339
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-088-726-38

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2142 GTGATCTTGGCTCAGTCA 2160
      ||||| ||||| ||||| |||||
Db 2 GTGATCTTGGCTCCTTGCA 20

RESULT 1374
US-10-210-951-140
; Sequence 140, Application US/10210951
; Publication No. US20030170228A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
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; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/210,951
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-140

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2319 TGATCGCCGACCTCGGCC 2337
Db 1 TGACCGCGCCACCTCAGCC 19

RESULT 1375
US-10-211-884-140
; Sequence 140, Application US/10211884
; Publication No. US20030175900A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,884
; CURRENT FILING DATE: 2002-08-02

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; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-140

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2319 TGATCGCCGACCTCGGCC 2337
Db 1 TGACCGCGCCACCTCAGCC 19

RESULT 1376
US-10-331-907-296
; Sequence 296, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA: US/10/331,907
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A

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; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-10-331-907-296

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTGCC 2169
Db 1 GTTCACTGCAACCTCTGCC 19

RESULT 1377
US-10-005-344-325/c
; Sequence 325, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 325
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-325

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 CCAACATGCTGTCTACTAC 340
Db 20 CCAACATGCTGTCTACTAC 2

RESULT 1378
US-10-005-344-346/c
```

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; Sequence 346, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 346
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-346

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1258 CATCACATTGCAACAGATG 1276
Db 20 CATCACATTGCAAAAGATG 2

RESULT 1379
US-10-005-344-347/c
; Sequence 347, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 347
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-347

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1288 GTGAGAATTGGCTTCTCTGA 1306
Db 1 GTGAGAATTGGCTTCTCTGA 1306
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Db      20 GTGAGAACTGGCTTCCAGA 2

RESULT 1380
US-10-148-355A-63/c
; Sequence 63, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; PRIOR FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-63

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2106 GAGTCTGCTCTGTATACC 2124
        ||||| ||||| |||||
Db      19 GAGTCTGCTCTGTACCC 1

RESULT 1381
US-10-211-858-140
; Sequence 140, Application US/10211858
; Publication No. US20030211096A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin I.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,858
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046

Db      20 GTGAGAACTGGCTTCCAGA 2

RESULT 1382
US-10-388-263-700
; Sequence 700, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 700
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-700

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2254 TTGTACTTTTAGTAGAGAC 2272
        ||||| ||||| |||||
Db      1 TTGTATTTTAAGTAGAGAC 19

RESULT 1383
US-10-159-834-20
; Sequence 20, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
; FILE REFERENCE: RTS-0299
```

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; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-140

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2319 TGATCGCCGACCTCGGCC 2337
        ||||| ||||| |||||
Db      1 TGACCCGCCACCTCAGCC 19

RESULT 1382
US-10-388-263-700
; Sequence 700, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 700
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-700

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2254 TTGTACTTTTAGTAGAGAC 2272
        ||||| ||||| |||||
Db      1 TTGTATTTTAAGTAGAGAC 19

RESULT 1383
US-10-159-834-20
; Sequence 20, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
; FILE REFERENCE: RTS-0299
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; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-834-20

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2116 CTGTATCCAGCTGGAGT 2134
DB 1 CTGTGCCCCAGACTGGAGT 19

RESULT 1384
US-10-159-834-94/c
; Sequence 94, Application US/10159834
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-834-94

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2116 CTGTATCCAGCTGGAGT 2134
DB 20 CTGTGCCCCAGACTGGAGT 2

RESULT 1385
US-10-399-214-48/c
; Sequence 48, Application US/10399214
; Publication No. US20040023914A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/399,214
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 09/690,364
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-399-214-48

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1165 AGAGTGATACAGATTCATT 1183
DB 19 AGAGTGTTCAGATTCAGT 1

RESULT 1386
US-10-280-183A-550
; Sequence 550, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 550
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-550

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2228 ATCTGCCACACACCTGGC 2246
DB 2 ATGTGCCACACACCTGTC 20

RESULT 1387
US-10-303-420-89/c
; Sequence 89, Application US/10303420
; Publication No. US20040102398A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
; FILE REFERENCE: RTS-0417
; CURRENT APPLICATION NUMBER: US/10/303,420
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 271
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-420-89

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2353 ATTACAGCATGAGCCACC 2371
||||||| |||||||

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Db      20 ATTACAGGTGTGAGCCACC 2

RESULT 1388
US-10-671-395-456/c
; Sequence 456, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 456
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-456

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2185 CCATTCTCCTCGCTCAGCC 2203
      |||||
Db      19 CGATTCTCCGCTCAGCC 1

RESULT 1389
US-10-671-395-810/c
; Sequence 810, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 810
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-810

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2122 CCCAGGCTGGAGTCACTG 2140
      |||||
Db      19 CCCAAGCTGGAGTGAAGTG 1

RESULT 1390
US-10-671-395-837/c
; Sequence 837, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 837
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-837

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2299 GTCCTGATCTCTGACCTC 2317
      |||||
Db      20 GTCCTGAAGCTCCTGGCCTC 2

RESULT 1392
US-10-671-395-1369/c
; Sequence 1369, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1334
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1334

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2123 CCAGGCTGGAGTCACTGG 2141
      |||||
Db      20 CCAAGCTGGAGTGAAGTG 2

RESULT 1391
US-10-671-395-1334/c
; Sequence 1334, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1334
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1334

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1369
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1369

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2117 TGTACCAGCTGGAGTG 2135
Db 20 TGTGCCCAAGCTGGAGTG 2

RESULT 1393
US-10-671-395-1416/c
; Sequence 1416, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1416
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1416

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2249 ATTTTGTACTTTTAGTA 2267
Db 19 AATTTTGTATTTTAGTA 1

RESULT 1394
US-10-671-395-1526/c
; Sequence 1526, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1526
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1526

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAA 2344
Db 19 CCGGCTCGGCTCCCAAA 1

RESULT 1395
US-10-671-395-1551/c
; Sequence 1551, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1551
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1551

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCT 2316
Db 19 GGTCTCGAACTCTCGCCT 1

RESULT 1396
US-10-671-395-1610/c
; Sequence 1610, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1610
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1610

Query Match          0.7%; Score 15.8; DB 1; Length 20;
```

```
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTCG 2312
    ||| ||||| |||||
Db 20 GGAGGGTCTCGACTCTCTG 2

RESULT 1397
US-10-671-395-1614/c
; Sequence 1614, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1614
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1614

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2257 TACTTTTAGTAGACAGG 2275
    ||| ||||| |||||
Db 20 TATTTTGTAGTAGACGGG 2

RESULT 1398
US-10-671-395-1772/c
; Sequence 1772, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1772
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1772

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2291 CCAGGATGGTCTCGATCTC 2309
    ||| ||||| |||||
Db 19 CCAGGAGGGTCTCGAACTC 1
```

```
RESULT 1399
US-10-664-639A-37/c
; Sequence 37, Application US/10664639A
; Publication No. US2004013741A1
; GENERAL INFORMATION:
; APPLICANT: Vickers, Timothy
; APPLICANT: Koo, Seongjoon
; APPLICANT: Bennett, C. Frank
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Dean, Nicholas, M.
; APPLICANT: Baker, Brenda F.
; TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
; FILE REFERENCE: ISIS0001-100 (CORE00027US)
; CURRENT APPLICATION NUMBER: US/10/664,639A
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(20)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
US-10-664-639A-37

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 GTGATCCGCCACCTCGGC 2336
    ||| ||||| |||||
Db 19 GTGATCCTCCACCTCAGC 1

RESULT 1400
US-10-476-021-96
; Sequence 96, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-96

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2343 AAGTGTGGGATTACAGGC 2361
```

Db 2 AAGTACTGAGATTACAGGC 20
||||| ||| ||||| |||||

RESULT 1401

US-10-856-218A-7/c
; Sequence 7, Application US/10856218A
; Publication No. US20050003414A1
; GENERAL INFORMATION:
; APPLICANT: Avigenics, Inc.
; TITLE OF INVENTION: Ovumucoid Promoter and Methods of Use
; FILE REFERENCE: AVI-019CIP2
; CURRENT APPLICATION NUMBER: US/10/856.218A
; CURRENT FILING DATE: 2004-05-28
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer OVINS4
US-10-856-218A-7

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 773 TAGACCATCTACCTCATCT 791
||| ||||| ||||| |||||
Db 19 TAAACCATCCACCTCATCT 1

RESULT 1402

US-10-890-685-25
; Sequence 25, Application US/10890685
; Publication No. US20050003426A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/890.685
; CURRENT FILING DATE: 2004-07-14
; PRIOR APPLICATION NUMBER: US/10/143,266
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-890-685-25

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2309 CCTGACCTCGTGATCCGCC 2327
||||| ||||| ||||| |||||
Db 1 CCTGACCTTGATCCGCAC 19

RESULT 1403

US-10-032-924-61/c
; Sequence 61, Application US/10032924
; Publication No. US20030022190A1
; GENERAL INFORMATION:
; APPLICANT: Shipman, Robert
; Leushner, James
; Dunn, James M.
; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
; MUTATIONS IN THE BRCA1 GENE
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/032,924
; FILING DATE: 26-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/649,950
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-028-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for BRCA1 gene
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-10-032-924-61

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1701 TGTGCAAGAAGCTAAAGA 1719
||||| ||||| ||||| |||||
Db 20 TGTCTTAAGAAGCTAAAGA 2

RESULT 1404

US-10-005-956-801/c
; Sequence 801, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03

; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 801
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-801

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2236 CCACACCTGGCTAATTTT 2254
||||| |||||||
Db 19 CCACACCCAGCTAATTTT 1

RESULT 1405
US-10-005-956-802/c
; Sequence 802, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 802
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-802

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2236 CCACACCTGGCTAATTTT 2254
||||| |||||||
Db 19 CCACACCCAGCTAATTTT 1

RESULT 1406
US-10-005-956-1034/c
; Sequence 1034, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1034
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1034

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2236 CCACACCTGGCTAATTTT 2254
||||| |||||||
Db 19 CCACACCCAGCTAATTTT 1

RESULT 1407
US-10-005-956-1035/c
; Sequence 1035, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1035
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1035

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2236 CCACACCTGGCTAATTTT 2254
||||| |||||||
Db 19 CCACACCCAGCTAATTTT 1

RESULT 1408
US-10-251-117-540/c
; Sequence 540, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 540
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-540

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAAGGTG 705
||||| | | | | | | | | | | | | | | | | | | | |
Db 19 AGGTGTCCTTTGAAGGTG 1

RESULT 1409
US-10-251-117-544
; Sequence 544, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MEH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 544
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-544

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.3e+03;
Matches 12; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAAGGTG 705
||||| | | | | | | | | | | | | | | | | | | | |
Db 1 AGGUGUCCUUGAAGGUG 19

RESULT 1410
US-10-251-117-548/c
; Sequence 548, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MEH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552

; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 548
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-548
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (3)..(4)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (5)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
US-10-251-117-548
Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAAGGTG 705
||||| | | | | | | | | | | | | | | | | | | | |
Db 19 AGGTGTCCTTTGAAGGTG 1

RESULT 1411
US-10-251-117-552
; Sequence 552, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James


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; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 552
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (7)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (10)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; OTHER INFORMATION: 5'-117-552
US-10-251-117-552

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.3e+03;
Matches 12; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAGGTG 705
Db 1 AGGUGUCCCUUGAAGGUG 19

RESULT 1412
US-10-136-728-129/c
; Sequence 129, Application US/10136728
; Publication No. US20030236188A1
; GENERAL INFORMATION:
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Li, Li
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Anderson, David W.
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; APPLICANT: Patturajan, Meera
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Gorman, Linda
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Smithson, Glenda
; APPLICANT: MacDougall, John R.
; APPLICANT: Mezes, Peter S.
; APPLICANT: Perman, John A.
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: No. US20030236188A1 Human Proteins, Polynucleotides Encoding T
; FILE REFERENCE: 21402-347 D (Cura 647 Other)
; CURRENT APPLICATION NUMBER: US/10/136,728
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: 60/288,395
; PRIOR FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 60/289,087
; PRIOR FILING DATE: 2001-05-07
; PRIOR APPLICATION NUMBER: 60/289,619
; PRIOR FILING DATE: 2001-05-08
; PRIOR APPLICATION NUMBER: 60/289,818
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/289,817
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/290,194
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/290,753
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/291,189
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/292,374
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/293,107
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-136-728-129

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2353 ATTACAGGATGAGCCACC 2371
Db 21 ATTACAGGTGTGAGCCACC 3

RESULT 1413
US-10-349-143-10751/c
; Sequence 10751, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
```

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; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10751
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-19601 for SEQ 2886, in complete
US-10-349-143-10751

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1309 ATAAAGGGAAGATGAAGG 1327
    ||||| ||||| ||||| |||||
Db 19 ATAAAGGGAAGATGAAGG 1

RESULT 1414
US-10-349-143-11288/c
; Sequence 11288, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Il'ya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11288
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3944 for SEQ 3423, in complete
US-10-349-143-11288

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1037 AGATCAGTTTAGTGTAGAA 1055
    ||||| ||||| ||||| |||||
Db 19 AGATCAGTTTAGGTAGAA 1

RESULT 1415
US-10-416-941-19
; Sequence 19, Application US/10416941
; Publication No. US20040132032A1
; GENERAL INFORMATION:
; APPLICANT: Bendixen, Christian
; APPLICANT: Svendsen, Soren
; APPLICANT: Jensen, Helle
; APPLICANT: Panitz, Frank
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; APPLICANT: Aasberg, Anders
; APPLICANT: Holm, Lars-Erik
; APPLICANT: Horn, Per
; APPLICANT: Hoj, Anette
; APPLICANT: Thomsen, Bo
; APPLICANT: Jeppesen, Mette
; APPLICANT: Nielsen, Vivi Hunnicke
; APPLICANT: Jonker, Marc
; TITLE OF INVENTION: GENETIC TEST FOR THE IDENTIFICATION OF CARRIERS OF COMPLEX VERTE
; FILE REFERENCE: 5799.143USWO
; CURRENT APPLICATION NUMBER: US/10/416,941
; CURRENT FILING DATE: 2003-05-15
; PRIOR APPLICATION NUMBER: PCT/DK01/00756
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: DK PA200100765
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: DK PA200001717
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Primer
US-10-416-941-19

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1437 GAGGAAATGATGATAAAA 1455
    ||||| ||||| ||||| |||||
Db 2 GAGGCAATGAAGATAAAA 20

RESULT 1416
US-10-627-253A-89
; Sequence 89, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORNHINWEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATIONS
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; CURRENT FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 89
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-89

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 GTGATCGGCCACCTCGGC 2336
    ||||| ||||| ||||| |||||
Db 2 GTGATCGGCCCGCTCGGC 20
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RESULT 1417
US-10-627-253A-90/c
; Sequence 90, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORNHINWEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATIONS
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; PRIOR FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 90
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-90

Query Match      0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 GTGATCGGCCACTCGGC 2336
Db 20 GTGATCGGCCCGCTCGGC 2

RESULT 1418
US-10-786-720-2942
; Sequence 2942, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2942
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-2942

Query Match      0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.3e+03;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1667 TGGCAAAACAGGACATCTT 1685
Db 3 UGGCCAAACAGGCAUCUU 21

RESULT 1419
US-10-786-720-3191
; Sequence 3191, Application US/10786720
; Publication No. US20040191818A1
```

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; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3191
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-3191

Query Match      0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.3e+03;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1667 TGGCAAAACAGGACATCTT 1685
Db 3 UGGCCAAACAGGCAUCUU 21

RESULT 1420
US-10-786-720-11638
; Sequence 11638, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11638
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11638

Query Match      0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1444 ATGATGATAAAATTACACA 1462
Db 2 ATGATGATAAACTTACAGA 20

RESULT 1421
US-10-786-720-19991
; Sequence 19991, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19991
; LENGTH: 21
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; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23635
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23635

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2151 GCTCACTGCAAGCTCTGCC 2169
Db      3 GATCACTGCAACCTCTGCC 21

RESULT 1427
US-10-751-736-23770
; Sequence 23770, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23770
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23770

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2145 ATCTTGCTCACTCAAGC 2163
Db      3 ATCTTGCTCACTGAACC 21

RESULT 1428
US-10-751-736-23926
; Sequence 23926, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
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; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23926
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23926

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2151 GCTCACTGCAAGCTCTGCC 2169
Db      1 GATCACTGCAACCTCTGCC 19

RESULT 1429
US-10-751-736-23935
; Sequence 23935, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23935
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23935

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2304 GATCTCTGACCTCGTGAT 2322
Db      1 GAACTCTGACCTTGAT 19

RESULT 1430
US-10-751-736-42593/c
; Sequence 42593, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42593
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1
US-10-751-736-42593
```

```

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2352 GATTACAGGTCATGAGCCAC 2370
    ||||| ||||| |||||
Db 19 GATTACAGGTCGAGCCAC 1

RESULT 1431
US-10-751-736-42917/c
; Sequence 42917, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751.736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 42917
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-42917

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2228 ATCTGCCACCACTGGC 2246
    ||||| ||||| |||||
Db 19 ATGTGCCACCACTGGC 1

RESULT 1432
US-09-790-417-252/c
; Sequence 252, Application US/09790417
; Patent No. US20010031470A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790.417
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 252
; LENGTH: 17
; TYPE: DNA

```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
; OTHER INFORMATION: human gene
US-09-790-417-252

Query Match          0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2112 TGCTCTGTACCCAGGC 2128
    ||||| ||||| |||||
Db 17 TGCTCTGTACCCAGGC 1

RESULT 1433
US-09-866-108-7368
; Sequence 7368, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7368
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7368

Query Match          0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 818 AGAAATTCAGTGAAT 834
|||||
Db 1 AGAAATTCAGTGAAT 17

RESULT 1434
US-09-739-909-2/c
; Sequence 2, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan W.
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-2

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2112 TGCTCTGTACCCAGGC 2128
|||||
Db 17 TGCTCTGTACCCAGGC 1

RESULT 1435
US-09-776-474-13
; Sequence 13, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, All
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MBHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-13

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+03;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 937 GAAGCAGTACGTGA 953
|||||
Db 1 GAAGCAGTACGTGA 17

RESULT 1436
US-09-776-474-802
; Sequence 802, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, All
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MBHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 802
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-802

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+03;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 935 AAGACGACGTACGTG 951
|||||
Db 1 AAGACGACGTACGTG 17

RESULT 1437
US-10-152-297-88/c
; Sequence 88, Application US/10152297
; Publication No. US20030077621A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/10/152,297
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 17
; TYPE: DNA

;
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
;
; OTHER INFORMATION: human gene
US-10-152-297-88

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2112 TGCTCTGTACCCAGGC 2128
|||||
Db 17 TGCTCTGTACCCAGGC 1

RESULT 1438
US-10-060-998-414/c
; Sequence 414, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 414
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-414

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1765 TTGTGCTAATTATTC 1781
|||||
Db 17 TTGTGCTAATTATTC 1

RESULT 1439
US-10-156-306-563
; Sequence 563, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 563
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-563

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTG 2286

Db 1 GACAGGGUUCACCAUG 17
|||||
RESULT 1440
US-10-156-306-564
; Sequence 564, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 564
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-564

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 2271 ACAGGGTTTCACCGTG 2287
|||||
Db 1 ACAGGGUUCACCAUG 17

RESULT 1441
US-10-156-306-565
; Sequence 565, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 565
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-565

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.4e+03;
Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2272 CAGGGTTTCACCGTG 2288
|||||
Db 1 CAGGGUUCACCAUG 17

RESULT 1442
US-10-156-306-575
; Sequence 575, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 575
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-575

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 2347 GCTGGATTACAGGCAT 2363
||:||||:|||||:
Db 1 GCUGGAUACAGGGAU 17

RESULT 1443
US-10-156-306-576
; Sequence 576, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 576
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-576

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 2348 CTGGATTACAGGCATG 2364
||:||||:|||||:
Db 1 CUGGAUACAGGGAUG 17

RESULT 1444
US-10-156-306-1651
; Sequence 1651, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1651
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1651

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 2115 TCTGTTACCCAGGCTGG 2131
:|:|:|:|:|:|:|:|

Db 1 UCUGUCCCCAGGCUGG 17

RESULT 1445
US-10-156-306-1652
; Sequence 1652, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1652

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 2116 CTGTTACCCAGGCTGGA 2132
|:|:|:|:|:|:|:|
Db 1 CUGUUGCCCCAGGCUGGA 17

RESULT 1446
US-10-156-306-1653
; Sequence 1653, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1653

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 2117 TGTTACCCAGGCTGGAG 2133
|:|:|:|:|:|:|:|
Db 1 UGUUGCCCCAGGCUGGAG 17

RESULT 1447
US-10-156-306-1681
; Sequence 1681, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1681
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1681

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2354 TTACAGGCATGACCC 2370
:::|||||:|||||
Db 1 UUACAGGCAUGGCCAC 17

RESULT 1448
US-10-156-306-1718
; Sequence 1718, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1718
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1718

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGAG 2366
||||:|||||:|||||
Db 1 GGGUUAUACAGGGAUGAG 17

RESULT 1449
US-10-156-306-2389
; Sequence 2389, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2389

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCCAGGCT 2129
|||:|:|:|:|:|:|
Db 1 GCUCUGUUGCCAGGCU 17

RESULT 1450
US-10-156-306-2390
; Sequence 2390, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2390
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2390

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2119 TTACCCAGGCTGGAGTG 2135
:::|||||:|||||
Db 1 UUGCCAGGCGUGGAGUG 17

RESULT 1451
US-10-156-306-2403
; Sequence 2403, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2403
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2403

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGACCC 2368
||:|||||:|||||
Db 1 GAUUAACAGGCAUGUGCC 17

RESULT 1452
US-10-156-306-2415
; Sequence 2415, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013

; SEQ ID NO 3789
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3789

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2266 TAGACAGGGTTTCAC 2282
:|||||:|||||
Db 1 UAAAGACAGGGUUCAC 17

RESULT 1458

US-10-156-306-3790
; Sequence 3790, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3790
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3790

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2267 AGACAGGGTTTCAC 2283
:|||||:|||||
Db 1 AAAGACAGGGUUCAC 17

RESULT 1459

US-10-156-306-3795
; Sequence 3795, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3795
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3795

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2192 CTGCGCTCAGCTCCCA 2208
:|||||:|||||
Db 1 CCUGCCGCGGUCCCA 17

RESULT 1460

US-10-156-306-3799
; Sequence 3799, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3799

Query Match 0.8%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAC 2367
:|||||:|||||
Db 1 GGAUACAGGGAUGAC 17

RESULT 1461

US-10-156-306-3800
; Sequence 3800, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3800
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3800

Query Match 0.8%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAC 2368
:|||||:|||||
Db 1 GAUACAGGGAUGAC 17

RESULT 1462

US-10-156-306-3801
; Sequence 3801, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3801

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3801

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGCGATGACCA 2369
Db 1 AUAACAGGAGACCA 17

RESULT 1463
US-10-156-306-3802
; Sequence 3802, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3802
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3802

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.4e+03;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2356 ACAGCGATGACCAACCG 2372
Db 1 ACAGGGAAGACCAACCG 17

RESULT 1464
US-10-255-434-12/c
; Sequence 12, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Sequence
US-10-255-434-12

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGCGTGGAGTGCACTGG 2141
Db 1 ATCTCGGCTCACTGCAA 17

RESULT 1466
US-10-238-700-679
; Sequence 679, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 679
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-679

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGCGTGGAGTGCACTGG 2141
Db 1 ATCTCGGCTCACTGCAA 17
```

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Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTTGGCTCACTGCAA 2161
Db 17 ATCTCGGCTCACTGCAA 1

RESULT 1465
US-10-255-434-24
; Sequence 24, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Sequence
US-10-255-434-24

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTTGGCTCACTGCAA 2161
Db 1 ATCTCGGCTCACTGCAA 17

RESULT 1466
US-10-238-700-679
; Sequence 679, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 679
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-679

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGCGTGGAGTGCACTGG 2141
Db 1 ATCTCGGCTCACTGCAA 17
```

D**b** 1 AGGCUGGAAUGCAGUGG 17

RESULT 1467

```

US-10-238-700-699
; Sequence 699, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment
; FILE REFERENCE: 400/057 (MBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16940
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 699
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-699

```

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2348 CTGGATTACAGGCATG 2364

Db 1 CUGGGAUUAACAGCGUG 17

RESULT 1468

```

US-10-238-700-718
; Sequence 718, Application US/10238700
; Publication No. US2003015321A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment
; FILE REFERENCE: 400/057 (MHRB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16940
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 718
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-718

```

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 2298 GGTC TCGATCTCCTGAC 2314

Dbb 1 GGUCUCGAAACUCCUGAC 17

RESULT 1469

US-10-339-782-278/c ; Sequence 278, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.

```

; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 278
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-278

```

Query Match	0.6%	Score 15.4	DB 1	Length 17
Best Local Similarity	94.1%	Pred. No. 1.4e+03		
Matches 16	Conservative	0	Mismatches 0	Indels 0
			Caps 0	

QY 2307 CTCCTGACCTCGTGATC 2323

Db 17 CTCTTGACCGGTGATC 1

RESULT 1470

```

US-10-061-201-694
; Sequence 694, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 694
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-694

```

Query Match	0.6%	Score 15.4;	DB 1;	Length 17;
Best Local Similarity	94.1%;	Pred. No. 1.4e-03;		
Matches 16;	Conservative	0;	Mismatches 1;	Indels 0;
			Gaps	0;

910 GTGTAATAAGGGAGATA 926

27 GCGATTTATGCGGCAAT 2
|||
Db 1 GTTTAATAAGGAGATA 17

RESULT 1471

US-10-061-201-695
; Sequence 695, Application US/10061201

Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 695
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-695

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TGTAATAAGGAGATAT 927
DB 1 TTTAATAAGGAGATAT 17

RESULT 1472
US-10-091-281-354/c
Sequence 354, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: MORISSETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091.281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 354
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative MEF2/RSRFC4.02 motif
US-10-091-281-354

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2252 TTTGTACTTTTACTAG 2268
DB 17 TTTGTACTTTTACTAG 1

RESULT 1473
US-10-282-174-170/c
Sequence 170, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelebi, Gonul
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Bertram, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 170
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-282-174-170

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCGAGTGG 2141
DB 17 AGGCTGGAGTGCGAGTGG 1

RESULT 1474
US-10-723-361-7368
Sequence 7368, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A.
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7368
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7368

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 818 AGAAATTCAGTGAAT 834
Db 1 AGAAATTCAGTGAAT 17
|||||
```

```
RESULT 1475
US-10-498-462-2244
; Sequence 2244, Application US/10498462
; Publication No. US20040259175A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Jinjiao
; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
; FILE REFERENCE: PB01102
; CURRENT APPLICATION NUMBER: US/10/498,462
; CURRENT FILING DATE: 2004-06-10
; PRIOR APPLICATION NUMBER: US 60/339,764
; PRIOR FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: PCT/US02/37506
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 3320
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2244
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-498-462-2244
```

```
Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 38 GCCCTGTGTTCGGAAA 54
Db 1 GCCCTGTGTTCGGAAA 17
|||||
```

```
RESULT 1476
US-09-263-959-1276/c
; Sequence 1276, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
```

```
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWaters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1276:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1276
```

```
Query Match      0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2121 ACCAGGCTGGAGTGCA 2137
Db 17 ATCCAGGCTGGAGTGCA 1
|||||
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```
RESULT 1477
US-10-089-887-4/c
; Sequence 4, Application US/10089887
; Publication No. US20030219740A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Corporation et al.
; TITLE OF INVENTION: DNA Sequences Isolated from Human Colonic Epithelial Cells
; FILE REFERENCE: 1657/1020
; CURRENT APPLICATION NUMBER: US/10/089,887
; CURRENT FILING DATE: 2000-08-08
; PRIOR APPLICATION NUMBER: US 60/147,933
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-089-887-4
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```
Query Match      0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2123 CCAGGCTGGAGTGCACT 2139
Db 18 CCAGGCTGGAGTGCACT 2
|||||
```

```
RESULT 1478
```


US-10-731-739-438
; Sequence 438, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 438
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-438

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGC 2361
||| ||||| ||||| |||||
Db 1 GTACTGGGATTACAGGC 17

RESULT 1479
US-10-477-238A-438
; Sequence 438, Application US/10477238A
; Publication No. US20040221326A1
; GENERAL INFORMATION:
; APPLICANT: Yaworsky, Paul
; APPLICANT: Babi, Philip
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 438
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-438

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGC 2361
||| ||||| ||||| |||||
Db 1 GTACTGGGATTACAGGC 17

RESULT 1480
US-10-680-287A-438
; Sequence 438, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: Yaworsky, Paul
; APPLICANT: Babi, Philip
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 438
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-287A-438

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGC 2361
||| ||||| ||||| |||||
Db 1 GTACTGGGATTACAGGC 17

RESULT 1481
US-09-263-959-1172
; Sequence 1172, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWaters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:

```
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1172:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1172

Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2144 GATCTGGGCTCACTGCA 2160
Db      1 GATCTGGGCTCACTGCA 17

RESULT 1482
US-10-344-394-46
; Sequence 46, Application US/10344394
; Publication No. US20040058342A1
; GENERAL INFORMATION:
; APPLICANT: Yousef, George M.
; APPLICANT: Diamandis, Eleftherios P.
; TITLE OF INVENTION: NOVEL KALLIKREIN GENE
; FILE REFERENCE: 11757.51USWO
; CURRENT APPLICATION NUMBER: US/10/344,394
; PRIOR FILING DATE: 2003-02-11
; PRIOR APPLICATION NUMBER: PCT/CA01/01141
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: US 60/224,853
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: segments/peptides derived from human sequence
US-10-344-394-46

Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      246 AACTGGGGAGTCTTGAG 262
Db      1 AACTGGGGAGGCTTGAG 17

RESULT 1483
US-09-964-059B-68
; Sequence 68, Application US/09964059B
; Publication No. US2003017875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-68

; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1172:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1172

Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2144 GATCTGGGCTCACTGCA 2160
Db      1 GATCTGGGCTCACTGCA 17

RESULT 1482
US-10-344-394-46
; Sequence 46, Application US/10344394
; Publication No. US20040058342A1
; GENERAL INFORMATION:
; APPLICANT: Yousef, George M.
; APPLICANT: Diamandis, Eleftherios P.
; TITLE OF INVENTION: NOVEL KALLIKREIN GENE
; FILE REFERENCE: 11757.51USWO
; CURRENT APPLICATION NUMBER: US/10/344,394
; PRIOR FILING DATE: 2003-02-11
; PRIOR APPLICATION NUMBER: PCT/CA01/01141
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: US 60/224,853
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: segments/peptides derived from human sequence
US-10-344-394-46

Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      246 AACTGGGGAGTCTTGAG 262
Db      1 AACTGGGGAGGCTTGAG 17

RESULT 1483
US-09-964-059B-68
; Sequence 68, Application US/09964059B
; Publication No. US2003017875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-68

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2124 CAGGCTGGAGTGCAGTG 2140
Db      1 CAGGCTGGAGTGCAGTG 17

RESULT 1484
US-10-027-983-90
; Sequence 90, Application US/10027983
; Publication No. US20030139360A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-90

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2343 AAGTCTGGGATTACAG 2359
Db      1 AAGTCTGGGATTACAG 17

RESULT 1485
US-10-251-598-152/c
; Sequence 0, Application US/10251598
; Publication No. US20030170668A1
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; APPLICANT: Gershon, Elliot S.
; APPLICANT: Badner, Judith A.
; APPLICANT: Goldin, Lynn R.
; APPLICANT: Berrettini, Wade H.
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Sanders, Alan R.
; APPLICANT: Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; TITLE OF INVENTION: Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/251,598
; FILING DATE: 19-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/091,952
; FILING DATE: 19-Apr-1999
```

APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: Clone 23 forward primer
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1...20
SEQUENCE DESCRIPTION: SEQ ID NO: 152:
US-10-251-598-152

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1904 CTTCTCTTTAGTATAAT 1920
Db 20 CTTCTCTTTAGTATGAT 4

RESULT 1486
US-10-005-344-369/c
Sequence 369, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 369
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-369

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 304 GCAGGCAAAATGTGCAAT 320
Db 17 GTAGGCAAAATGTGCAAT 1

RESULT 1487
US-10-448-753-90
Sequence 90, Application US/10448753
Publication No. US20030211611A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/448,753
CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: US/10/027,983
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-448-753-90

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2343 AAGTGTCTGGGATTACAG 2359
Db 1 AAGTGTCTGAGATTACAG 17

RESULT 1488
US-10-289-762-6585/c
Sequence 6585, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griflais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6585
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-6585
Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 239 TGAAGGAAACTGGGGAG 255
Db 17 TCAGGGAACCTGGGGAG 1

RESULT 1489
US-10-671-395-608/c
Sequence 608, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Giersse, James K.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25

```
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 608
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-608

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2101 AGACCGAGCTGTGCTCT 2117
Db 17 AGACAGAGCTGTGCTCT 1

RESULT 1490
US-10-671-395-688/c
/ Sequence 688, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671.395
/ PRIOR FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 688
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-688

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2190 CTCCTGCTCAGCCTCC 2206
Db 20 CTCGCGCTCAGCCTCC 4

RESULT 1491
US-10-671-395-848/c
/ Sequence 848, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671.395
/ PRIOR FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 848
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
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/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-848

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2349 TGGGATTACAGGCATGA 2365
Db 20 TGGGATGACAGGCATGA 4

RESULT 1492
US-10-181-174B-51/c
/ Sequence 51, Application US/10181174B
/ Publication No. US20040132674A1
/ GENERAL INFORMATION:
/ APPLICANT: RESKE-KUNZ, A.B.
/ APPLICANT: ROSS, RALF
/ APPLICANT: BROS, MATTHIAS
/ TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN DENDRITIC CELLS AND USES THEREOF
/ FILE REFERENCE: VOS-38
/ CURRENT APPLICATION NUMBER: US/10/181.174B
/ CURRENT FILING DATE: 2002-07-12
/ PRIOR APPLICATION NUMBER: P 100 01 169.1
/ PRIOR FILING DATE: 2000-01-13
/ PRIOR APPLICATION NUMBER: P 100 10 188.7
/ PRIOR FILING DATE: 2000-03-02
/ NUMBER OF SEQ ID NOS: 72
/ SOFTWARE: PatentIn Ver. 3.2
/ SEQ ID NO 51
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: primer
US-10-181-174B-51

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCA 2160
Db 18 GATCTCGCTCACTGCA 2

RESULT 1493
US-10-484-669-87
/ Sequence 87, Application US/10484669
/ Publication No. US20040209358A1
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
/ FILE REFERENCE: RTS-0267
/ CURRENT APPLICATION NUMBER: US/10/484.669
/ CURRENT FILING DATE: 2004-01-23
/ PRIOR APPLICATION NUMBER: US/09/920,759
/ PRIOR FILING DATE: 2001-08-01
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 87
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-484-669-87

Query Match      0.6%; Score 15.4; DB 1; Length 20;
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```
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAA 2161
Db 3 ATCTGGCTCACTACAA 19

RESULT 1494
US-09-725-265-42/c
; Sequence 42, Application US/09725265
; Publication No. US20010000175A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-42

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2048 TTTTTCCTTAAATATGAT 2067
Db 20 TTTTTCCTTAAATATATAT 1

RESULT 1495
US-09-733-294A-79/c
; Sequence 79, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-79

Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAA 2161
Db 3 ATCTGGCTCACTACAA 19

RESULT 1494
US-09-725-265-42/c
; Sequence 42, Application US/09725265
; Publication No. US20010000175A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-42

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2048 TTTTTCCTTAAATATGAT 2067
Db 20 TTTTTCCTTAAATATATAT 1

RESULT 1495
US-09-733-294A-79/c
; Sequence 79, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-79
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Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTACCCA 2125
Db 20 GAGTCTTGCTCTGTGCCCCA 1

RESULT 1496
US-09-800-631-32
; Sequence 32, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-32

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2275 GGTTCACCGTGTAGCCAG 2294
Db 1 GGTTCACCATGTGTGCAG 20

RESULT 1497
US-09-800-631-33
; Sequence 33, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXF
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-33

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGTC 2165
Db 1 TCTCGGCTCACTACACCTC 20

RESULT 1498
US-09-800-631-49
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; Sequence 49, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-49

Query Match          0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2342 AAAGTGTGGGATTACAGGC 2361
Db      1  AAGTAGCTGGGATTACAGGC 20

RESULT 1499
US-09-800-631-66
; Sequence 66, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-66

Query Match          0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2285 TGTAGCCAGGATGCTCTCG 2304
Db      1  TGTAGCCAGGATGCTCTCG 20

RESULT 1500
US-09-263-959-1166
; Sequence 1166, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue

; Sequence 49, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-49

Query Match          0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2342 AAAGTGTGGGATTACAGGC 2361
Db      1  AAGTAGCTGGGATTACAGGC 20

RESULT 1499
US-09-800-631-66
; Sequence 66, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-66

Query Match          0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2285 TGTAGCCAGGATGCTCTCG 2304
Db      1  TGTAGCCAGGATGCTCTCG 20

RESULT 1500
US-09-263-959-1166
; Sequence 1166, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
```

```
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1166:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1166

Query Match          0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2144 GATCTGGCTCACTGCAAGC 2163
Db      1  GATCTCAGCTCACTGCAATC 20

RESULT 1501
US-09-263-959-1274/c
; Sequence 1274, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1274:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
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```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1274

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTCTGTGTACCCAG 2126
      ||||| ||||| |||||
Db 20 AGTCTAGCTCTGTGTGCCAG 1

RESULT 1502
US-09-985-335-15
; Sequence 15, Application US/09985335
; Publication No. US20020164794A1
; GENERAL INFORMATION:
; APPLICANT: Wernet, Peter
; TITLE OF INVENTION: HUMAN CORD BLOOD DERIVED UNRESTRICTED SOMATIC STEM CELLS (USSC)
; FILE REFERENCE: P66065US1
; CURRENT APPLICATION NUMBER: US/09/985,335
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: U.S. 60/245,168
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer sequence
US-09-985-335-15

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 296 GGTGAGGAGCGAGCAAAATGT 315
      ||||| ||||| |||||
Db 1 GGTGAGGAGCGAGCAAAATGT 20

RESULT 1503
US-09-931-375A-21/c
; Sequence 21, Application US/09931375A
; Publication No. US20030027151A1
; GENERAL INFORMATION:
; APPLICANT: WARMAN, Matthew L.
; APPLICANT: GONG, Yaoqin
; APPLICANT: OLSEN, Bjorn R.
; APPLICANT: RAWADI, Georges
; TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
; TITLE OF INVENTION: OSTEOPOROSIS
; FILE REFERENCE: 38464-0004
; CURRENT APPLICATION NUMBER: US/09/931,375A
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: US 60/304,851
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/234,337
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US 60/226,119
; PRIOR FILING DATE: 2000-08-18
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Primer
US-09-931-375A-21

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGTCTTGCT 2115
      ||||| ||||| |||||
Db 20 TTTTGAGACCGAGTCTTGCT 1

RESULT 1504
US-09-865-866-139/c
; Sequence 139, Application US/09865866
; Publication No. US20030045487A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)
; FILE REFERENCE: RTS-0221
; CURRENT APPLICATION NUMBER: US/09/865,866
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 173
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-139
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Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1551 TTTGAAAGGGAAGAAACCCA 1570
      ||||| ||||| |||||
Db 20 TTGCAAAGGGAAGAGGCCCA 1

RESULT 1505
US-09-860-836B-33
; Sequence 33, Application US/09860836B
; Publication No. US20030054002A1
; GENERAL INFORMATION:
; APPLICANT: WAKELAND, WARD
; APPLICANT: WANDSTRADT, AMY
; APPLICANT: MOREL, LAURENCE
; TITLE OF INVENTION: ISOLATION OF GENES WITHIN SLE-1B THAT MEDIATE A BREAK
; TITLE OF INVENTION: IN IMMUNE TOLERANCE
; FILE REFERENCE: UTSD:722US
; CURRENT APPLICATION NUMBER: US/09/860,836B
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 60/204,963
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-860-836B-33
```

```
Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2235 ACCACACCTGGCTAATTTT 2254
      ||||| ||||| |||||
Db 1 ACCATGCTGGCTAATTTGT 20
```

```
RESULT 1506
US-09-906-158-150/c
; Sequence 150, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-150

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2141 GGTGATCTTGCTCACTGCA 2160
Db 20 GGTGATCTTGCTCACTGCA 1

RESULT 1507
US-09-967-669-58/c
; Sequence 58, Application US/09967669
; Publication No. US20030092650A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
; FILE REFERENCE: RTS-0259
; CURRENT APPLICATION NUMBER: US/09/967,669
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-58

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
Db 20 CTTTGGCCCACTCTGGAGTG 1

RESULT 1508
US-09-953-318-98
; Sequence 98, Application US/09953318
; Publication No. US20030105036A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR EXPRESSION
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 98
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-98

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2234 CACCACACCTGGCTAATTTT 2253
Db 1 CACCATGCCGGCTAATTTT 20

RESULT 1509
US-09-541-848-51/c
; Sequence 51, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide M4
US-09-541-848-51

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 695 CCTTGAAGGTGGAGTGATC 714
Db 20 CCTTGATGGTGTGAGTGATC 1

RESULT 1510
US-09-908-147-150
; Sequence 150, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-150
```



```
Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGCATGAG 2366
|||||
Db 1 GCTGGGATTAAAGCGTGCG 20

RESULT 1511
US-09-964-059B-104
; Sequence 104, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-104

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 AGGATGCTCGATCTCCTG 2312
|||||
Db 1 AGGCTGCTTGAACTCCTG 20

RESULT 1512
US-09-843-377-87/c
; Sequence 87, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERPERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-87

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2108 GTCTTGCTCTGTACCCAGG 2127
|||||
Db 20 GTCTTGACATGTGCCCCAGG 1

RESULT 1513
US-09-843-377-89
; Sequence 89, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
```

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; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-89

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2189 TCTCTGCTCAGCCCTCCCA 2208
|||||
Db 1 TCTCTTGTCATCAGCCCTCTCA 20

RESULT 1514
US-10-014-137-14
; Sequence 14, Application US/10014137
; Publication No. US20020160487A1
; GENERAL INFORMATION:
; APPLICANT: Yee, David P
; APPLICANT: Deisher, Theresa A
; TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR
; FILE REFERENCE: ZGCL-1
; CURRENT APPLICATION NUMBER: US/10/014,137
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 09/137,223
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: 60/056,130
; PRIOR FILING DATE: 1997-08-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC14284
US-10-014-137-14

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2140 GGTGATCTTGCTCACTGC 2159
|||||
Db 1 GTGCGATCTCGGCTCACTGC 20

RESULT 1515
US-10-085-906-314/c
; Sequence 314, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
```

;
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 314
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-314

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGTGG 2141
DB 20 CCCAGCTAGAGTGTAGTGG 1

RESULT 1516
US-10-085-906-352/c
; Sequence 352, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 352
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-352

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAGTGCA 2137
DB 20 GTCGCTCAGGCTGGAGTGCA 1

RESULT 1517
US-10-222-334-14/c
; Sequence 14, Application US/10222334
; Publication No. US20030073116A1
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Levy, Galila
; APPLICANT: Tsai, Han-Mou
; TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
; FILE REFERENCE: UM-07288
; CURRENT APPLICATION NUMBER: US/10/222,334
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/312,834
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1

;
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-222-334-14

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTATCCAGGCT 2129
DB 20 CTCACCTGTGTCACCCAGGCT 1

RESULT 1518
US-10-209-608-42/c
; Sequence 42, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-42

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2048 TTTTTCCTTAATAATGAT 2067
DB 20 TTTTTCCTTAATAATATAT 1

RESULT 1519
US-10-293-783-32
; Sequence 32, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07